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HE CHEMIST and DRUGGIST AUGUST 30, 1947

The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2. *Registered as a Newspaper*

3523
OL. CXLVIII AUGUST 30, 1947 *Annual Subscription (with Diary)* 30/-. *Single Copies* 1/-.

Barbiturates

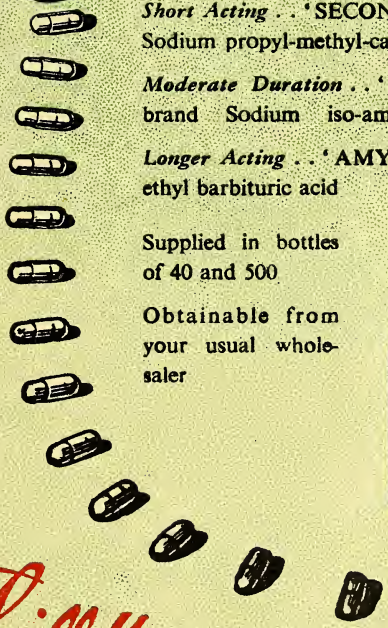
Short Acting . . 'SECONAL SODIUM' brand Sodium propyl-methyl-carbinyl allyl barbiturate

Moderate Duration . . 'SODIUM AMYTAL' brand Sodium iso-amyl ethyl barbiturate

Longer Acting . . 'AMYTAL' brand Iso-amyl ethyl barbituric acid

Supplied in bottles of 40 and 500

Obtainable from your usual wholesaler



Lilly
TRADE MARK

ELI LILLY & COMPANY LIMITED, BASINGSTOKE & LONDON

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Ample Supplies Available

FOR THE ORAL TREATMENT OF MEGALOCYTIC ANÆMIAS

A new presentation of proteolysed liver in an extremely palatable paste form which preserves all the Hæmatopoietic factors of whole liver.

Jar of 16-oz., 21/-.

ALLEN & HANBURYS LTD · LONDON · E·2

PHONE: BISHOPSGATE 3201 (17 LINES). WIRES: "GREENBURYS, BETH, LONDON."

Facts not Fiction

Success in business depends on human judgment. Sometimes it is difficult to form a sound judgment because the evidence is insufficient. So the more facts that one can gather on which to base judgments, the less the margin of possible error.

It is for this reason that we at Simpson's maintain a kind of 'intelligence department' which gathers business facts by means of routine market investigations carried out by independent research organisations whose workers never know for what product the research is being made.

We've just received one such report. It contains pages of statistics—too long to quote. A summary is also included which gives the gist of the report's findings. It opens with these words: "*Simpson's Foot Ointment undoubtedly leads the market.*" In other words Simpson's Foot Ointment outsells every other foot preparation.

You, the retail pharmacist, have helped to put "Simpson's" on top. You have recommended it—displayed it—given it a show. A fine lucrative repeat-order trade has been built up. *Your* trade. A trade that will *remain* yours. Because Simpson's is C.F. No question of it being diverted into non-pharmaceutical stores and bazaars either now *or later*. No other foot preparation offers you this cast-iron assurance because no other foot preparation is C.F.

So keep in mind this: in the foot preparation field the biggest seller, the undisputed leader, is anchored to you, the retail pharmacist. Why, then, should you be expected to push a non C.F. competitor, the sales for which may or *may not* remain in the exclusive hands of the retail pharmacist, once it becomes established?

Announcement by
J. W. SIMPSON (CHEMIST), LTD., IODINE HOUSE, MUSEUM STREET, W.C.1

An Authoritative Statement on Toilet Papers

THAT good toilet papers are in short supply today is only too common knowledge. The reasons why production does not catch up with demand are not so apparent.

As the actual manufacturers of fine toilet papers we are in a position to state that it is mainly due to the shortage of *suitable* raw material. Paper can of course be made from any grade of "scrap" but the types of material suitable for our Toilet papers are strictly limited.

Hence we are compelled for the time being to ration supplies to all customers and to refuse with regret many orders of flattering dimensions.

But we are hopeful that the position will improve and enable us to satisfy all customers both old and new.

These are the products of St. Andrew Mills

		Retail Price
ANDREX	The softest Toilet Tissue known made entirely from purest pulp. Note—the whole production of Andrex goes to the home market —none is exported.	1/-
ANDROL	For those who prefer a glazed paper.	1/-
STANEX	Absorbent unglazed paper not harsh or bulky crepe.	11d.
MARVO		9d.
SAMARITAN		7½d.

Prices are subject to alteration without notice.

Wholesale only

ST. ANDREW MILLS LIMITED

LARKSWOOD · 1014 · 5 · 6 WALTHAMSTOW · E · 17

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COLLUMINA

Regd. Trade Mark

aluminium hydroxide preparations for effective antacid treatment

A highly active, acid-soluble aluminium hydroxide (otherwise known as hydrous oxide of aluminium) is the basis of all Collumina preparations.

POWDER

A new preparation available as an alternative to the suspension, Collumina Powder corresponds to the Dried Aluminium Hydroxide Gel (U.S.P. XIII). 1 grm will neutralize 250 ml of N/10 HCl in one hour.

Bottles of 50 grm.

TABLETS

A new preparation. Each tablet contains 5 grains of aluminium hydroxide powder with suitable flavouring.

Bottles of 60 tablets.

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The original preparation known as Collumina and containing 5% to 6% of aluminium hydroxide in aqueous suspension, with suitable flavouring. 5 c.c. will neutralize 100 c.c. of N/10 HCl in 10 to 15 minutes.

Bottles of 8 fl. oz. and 40 fl. oz.

A new brochure on aluminium hydroxide therapy is available on request.

Made in England by

EVANS MEDICAL SUPPLIES LTD

Liverpool and London

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Confidence in Farex is based on sound results . . . . practical success as an infant weaning food over many years. Good reason, therefore, why customers insist on Farex for their babies — and why Farex should be available to meet their needs.

Farex, of course, is no ordinary cereal food. It is, in fact, *three* cereals blended with tonic minerals and vitamin D. With Farex and milk as the basis of the diet, the business of weaning to solid foods is reduced to its simplest and safest terms. Moreover, Farex is already cooked — another feature of particular appeal to the busy mother.

Please give priority to Farex for use as a weaning food ; place your orders regularly each month, and so help to ensure that no baby goes short.

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FAREX the *3-cereal* food . . . 10 oz. cartons 1/-

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Shape of

THINGS TO COME

PILLODINES we venture to prophesy, have a bright and promising future ahead of them. These tiny silver-coated pillules of specially-treated iodine have striking phophylactic and therapeutic qualities that tackle the common cold in an extremely efficacious and unusual manner. *When dissolved slowly on the tongue they instantly mobilise and bring into action the body defence mechanism.* We are confident that once introduced to this new form of cold immunisation the public will be swift to recognise its virtues. Consequently September will see the launching of Pillodines, commencing with a series of Chemists' window displays featuring the complete 30-day treatment in the new 3/6 one-at-a-time containers. This will be the fore-runner of a vigorous trade and national Press advertising campaign.

WATFORD CHEMICAL CO. LTD.

Telephone : WELbeck 0264/8 30 BAKER STREET, LONDON, W.1 Telegrams : Watchempro', Wesdo, London

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Extensive National Advertising in the Press and Women's Magazines is creating national demand for the "Modern" Teat. Used and recommended by Nursing and Medical Authorities for its new anti-colic design—nearest to natural feeding. Supply position easier. Stock up now. Obtainable from wholesalers only. Fixed Retail Selling Price 6d. each.

Used and recommended by MATERNITY HOSPITALS, DOCTORS, NURSES and WELFARE CENTRES

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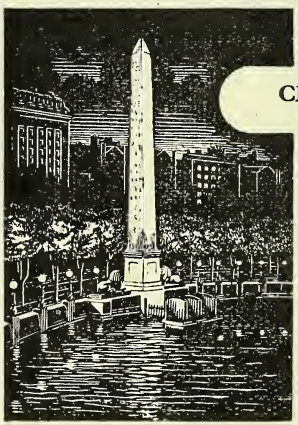

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Milward's VIM

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The regard of surgeons for Vim Needles and Syringes is proved by letters received, and especially by repeat orders. These high precision instruments are superbly constructed to function without a thought beyond a decision to order them—by name.

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Manufacturing Chemists

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FOR OVER SIXTY YEARS

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P.A.T.A.

FENNINGS' CHILDREN'S POWDERS **1/3, 3/-, 5/-, 12/-**

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For Coughs, Colds, Bronchitis, etc. **1/3** and **3/-.** Also **6/-** Carton of 12 Packets, retailing at **6d.** each.

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FENNINGS' OINTMENT. Demand Steadily Increasing.
For Cuts, Burns, Bruises, Chilblains, etc. **1/3** a tin

FENNINGS' STOMACH STRENGTHENERS ... **1/3** and **3/-** boxes

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Please address orders and inquiries to your Wholesaler

PROPRIETORS : **THE TRUSTEES OF ALFRED FENNINGS (DECEASED)**
COWES, Isle of Wight

Pritchards
TEETHING **POWDERS**
Keep Babies Happy

The safest and best powders to keep the blood cool and the little bowels gently regulated. Bring comfort and natural sleep and are quite harmless. Millions sold. Famous for three generations.

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Meritor

D.D.T

ANTIMOTH

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PERIODICALS Punch, Radio Times, Illustrated, Picture Post, Housewife, Wife & Home, Womans Journal, John Bull.

SPECIMEN 3-In. D/C ADVT.

ARE YOUR STOCKS ADEQUATE TO MEET THE DEMAND?

Order now, by post, through our representative,

or from your

LOCAL CHEMIST WHOLESALER

Price: 5/4 Carton of 1 doz. pkts. Retail 8d.

Quantity 4 doz. lots 5/3 Carton 1 gross lots 5/2 Carton

Prices: 2½ gross lots 5/- Carton 5 gross lots 4/10 Carton

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Re-arm your customers for increased fitness

More and more of your customers are being told about VOL-VITE—the chocolate-coated multi-vitamin tablets with a standardised content of vitamins A, B_1, C and D_2. Daily they will be reading in national advertisements now appearing, how VOL-VITE can help to re-arm them to increased fitness in the drive to national recovery. Be prepared for their demands by ordering today from your usual wholesaler or direct from the sole distributors.

25 days' supply costs 4/6
36/- doz. in units of 1 doz. tins

VOL-VITE P.A.T.A.

The chocolate-coated multi-vitamin tablets
Another HOWARD-TAYLOR product

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A uric acid solvent—3 oz. size.

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Containing 5% Sulphathiazole in non-greasy base. Indicated in cases of Impetigo and coccal Infections.
Size—¾ oz. Tubes.

ASMIDAR ANTI-RHEUMATIC OINTMENT
Non Greasy Non Staining Analgesic
Size—¾ oz. Tubes.

ICHTHAMMOL B.P.
With high organically combined sulphur content.

Literature and fuller information on these Preparations can be supplied on request.

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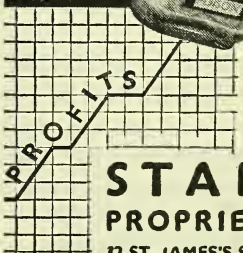

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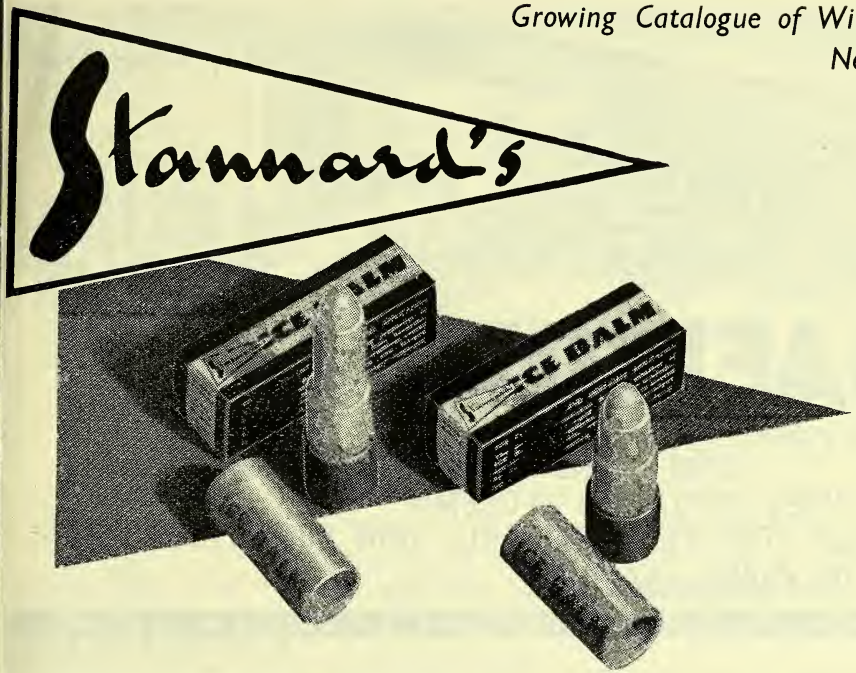

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menthol compound for headaches, etc.

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Blue and silver 'push-up' holders cartoned to match. 3-colour display outers. 9-colour showcards.

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Makers of High-Class Stannard's *Pharmaceutical Products*

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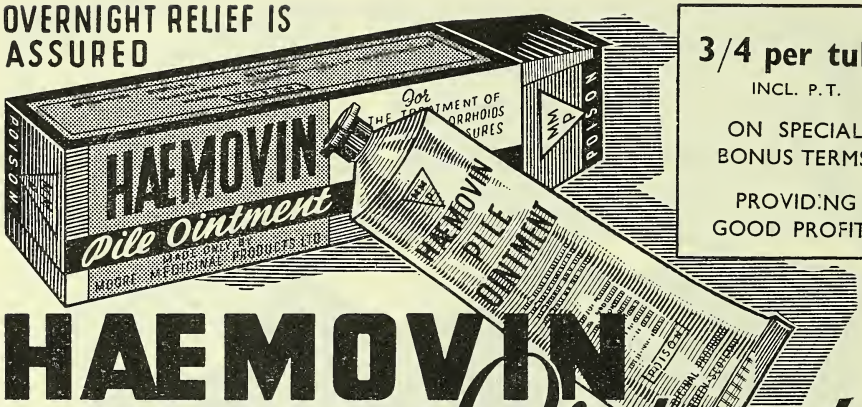

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made expressly for

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THERE'S no line you can recommend with greater confidence than Baume Dalet. Its scientifically balanced formula, its success all over France and Western Europe, the hundreds of testimonials it has received since its introduction to Britain only last month, all prove that here is a line which fills a long felt want.

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P.A.T.A.

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FOR CONSTIPATION
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—for Sensitive Skins!

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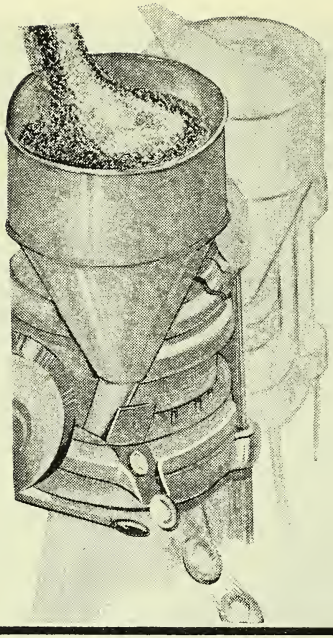

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of orders marks the growth
of our reputation as
TABLET MAKERS TO THE TRADE

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The had just celebrated the twenty-fifth anniversary of the foundation of their agricultural business—25 years of leadership in the application of the nutritional principles, which had developed durng that time, to the feeding requirements of the livestock industry.

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Malted

SLIPPERY ELM FOOD

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A nourishing food of high dietetic standard, containing the ground inner bark of Ulmus fulva. It makes an excellent body building food for bottle fed children, and a valuable food for invalids.

TWO SIZES. P.A.T.A.

1-lb. tins 2/3. 20/- doz. 2-lb. tins 4/-. 36/- doz.

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For Injection (I.M.)

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One injection of 2 c.c. monthly will normally be sufficient to maintain the patient after initial treatment. Further information may be obtained from "Oxoid" Liver Extract leaflet.

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NEWS OF THE WEEK

Retail Prices Rise.—The first figures compiled for the new interim index of retail prices were issued by the Ministry of Labour on August 26. They show an increase of 1 per cent. in prices in July compared with those in June. The index takes the place of the former cost of living index.

More Manufacturing Sugar. — From September 14 the rate of allocation of sugar will be increased for the manufacture of infant and invalid foods from 100 per cent. to 110 per cent. of the basic usage, and for proprietary food drinks, from 40-50 per cent. to 60 per cent. of the basic usage.

Soft Drinks Industry.—The Minister of Food has approved a scheme submitted by the Soft Drinks Industry (War-time) Association, Ltd., for the gradual "deconcentration" of the industry. The scheme begins to take effect on October 12 and is expected to be completed in the early months of 1948.

Patent and Design Applications.—The President of the Board of Trade has issued two Orders (S.R. & O.'s 1947, 1587 and 1588) which empower the Comptroller of Patents and Designs to grant extensions of the priority period, fixed by the International Convention for the Protection of Industrial Property, for an application for registration of a design or patent in a Convention country, when the application is based upon a previous application for the same design or invention in another Convention country. The Orders follow the ratification by the Government of an international agreement signed at Neuchatel on February 8 by the representatives of twenty-five countries.

Pharmaceutical Disposals Association.—The following management committee of Pharmaceutical & Allied Chemicals Disposals Association, Ltd., has been elected for 1947: Messrs. G. Dalrymple, T. Halliwell, G. E. Howard, H. D. R. Matthews, J. H. Ramsay, D. J. Steel, R. Strass, L. A. Towlson and J. A. Wilson. Mr. S. W. Whiffen (Whiffen & Sons, Ltd.) continues as chairman. A statement recently issued says that since the Association was formed on a non-profit-making basis in September 1945, to co-ordinate purchases of surplus goods from government departments, about

£165,000 has been paid to the Ministry of Supply on members' behalf. The Association, which is restricted to manufacturers or wholesalers in the United Kingdom of pharmaceutical or allied chemical products, has at present more than 100 members. Purchases of Government surpluses are expected to continue until March 1948.

LOCAL NEWS

Yorkshire Golf.—A match for the Crookes cup was played at Wetherby, on August 20, the winner being Mr. M. E. Midgley (24) with 70 net, and runner-up Mr. W. A. Sturdy (9) 73 net.

Inter-works Visit. — A party of sixty employees of T. J. Smith & Nephew, Ltd., surgical-dressing manufacturers, Hull, were entertained at Bradbury Hall, Chesterfield, on August 16, by Robinson & Sons, Ltd., Chesterfield. Lunch was followed by sports events between the two companies.

Scottish Examination Results. — The following candidates satisfied the examiners in the Pharmaceutical Chemist Qualifying examination held in Scotland in July:—

Anderson, John Bain, Kennoway, Fife
Barclay, Edmond James, Barnsley
Dawson, Mary, Airdrie
Edwards, Daniel, Keith, Banffs
Fletcher, Philip, Widnes
Grant, Charles William, Montrose
Ingham, Roy Sutcliffe, Accrington
Johnstone, Henry, Glasgow
Levin, Ronald, Leeds
McVitty, Kenneth William, Manchester
Macdonald, Alexander, Elgin
Marshall, Alan, Southport
Nicoll, James Guild, Dundee
Ramsden, Irvine Dorrien, Elland, Yorks
Scott, Charles William, Aberdeen
Shaw, Patricia Creighton, Bury, Lancs

Leicester Women Pharmacists. — As part of a drive to obtain as large a membership as possible, the Leicester Branch of the National Association of Women Pharmacists (which was formed in 1943) sent out a questionnaire to women pharmacists in the district. The replies are helping the Branch to find out the interests of members and suitable times of meetings.

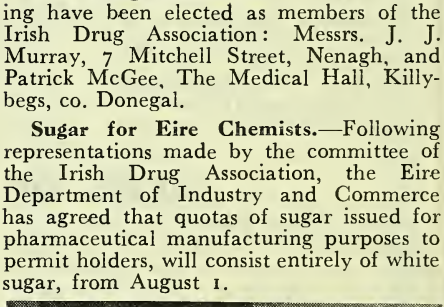
North Notts Officers.—At the annual meeting of the Mansfield Branch of the Pharmaceutical Society on August 19, the following officers were elected or re-elected: *Chairman,* Mr. W. O. Pegg; *Vice-chairman,* Mr. J. F. Fowle; *Secretary,* Mr. J. Spaanderman, 203 Sutton Road, Huthwaite, nr. Mansfield; *Assistant Secretary,* Mr. C. H. P. Robinson; *Treasurer,* Mr. J. R. S. Briggs; *Executive Committee,* the officers together with Mr. T. R. Bailey. Officers of the North Notts Branch, National Pharmaceutical Union, were elected on the same date, as follows: *Chairman,* Mr. G. O. Smith; *Vice-chairman,* Mr. S. Turner; *Secretary,* Mr. J. Spaanderman; *Treasurer,* Mr. J. R. S. Briggs; *Executive Committee,* the officers with Messrs. G. R. Mitchell, J. S. Winson and F. Wycherley. The same members, with Mr. F. C. Davison, form the C.F. sub-committee.

IRISH NEWS

Belfast College Fees.—The fees for full-time courses at Belfast College of Technology have been increased to £20 per term, following a recent decision of Belfast corporation.

Irish Drug Association. — The following have been elected as members of the Irish Drug Association: Messrs. J. J. Murray, 7 Mitchell Street, Nenagh, and Patrick McGee, The Medical Hall, Killybegs, co. Donegal.

Sugar for Eire Chemists.—Following representations made by the committee of the Irish Drug Association, the Eire Department of Industry and Commerce has agreed that quotas of sugar issued for pharmaceutical manufacturing purposes to permit holders, will consist entirely of white sugar, from August 1.



PILGRIMAGE TO LOURDES.—Some of a party of sixty-six who took part recently in a pharmaceutical pilgrimage from Dublin to Lourdes, photographed before their departure. The pilgrimage was organised by Mr. J. J. Kerr, a distinguished Brancardier at Lourdes, and Mr. T. Burke. In the front row are Messrs. J. O'Rourke and T. Burke. Messrs. T. B. O'Sullivan and P. Fullam are standing with Father O'Doherty (chaplain). Mr. F. X. Meagher also took part in the pilgrimage.

OVERSEAS NEWS

Cosmetics in South Africa. — An increasing quantity of South African-made cosmetics is being handled by chemists in South Africa, who point out that South African cosmetic manufacturers enjoy an advantage in the matter of duties, although the overseas manufacturer has the benefits of mass production, lowers costs for raw materials, packaging materials, etc. Unhappily, some manufacturers in the Union are turning out an inferior product, and wholesale chemists feel that it is essential to lay down minimum standards for such goods and to see that South African manufacturers adhere to them. There are firms in South Africa producing toilet preparations of the highest quality, equal in every way to those imported.

International Microbiology Congress. —The fourth International Microbiology Congress, which was attended by more than 1,000 scientists from thirty countries, was held in Copenhagen recently. The microbiologists accepted an invitation to join U.N.E.S.C.O., and decided to hold their next Congress in Brazil in 1950. The Emil Christian Hansen gold medal, the Congress's only distinction, was awarded to Professor A. Waksman (see *C. & D.*, July 26, p. 114) for his work in soil microbiology.

LEGAL REPORTS

Pharmacy Act Offence. — At Taunton magistrates' court, on August 13, George Rigg, Ltd., were summoned for selling compound syrup of hypophosphites when the sale was not under the supervision of a registered pharmacist. Mr. Rigg, although not a registered pharmacist, was stated to have had forty-six years' experience as an assistant in chemists' shops. A penalty of £5 was imposed.

Possessing Dangerous Drugs.—At Manchester magistrates' court, recently, Capton Meah, an Indian cook, Chorlton-on-Medlock, Manchester, was fined £200 for being in possession of dangerous drugs, including Indian hemp, cigarettes containing hashish, coca leaves and opium. Enough drugs were found in Meah's apartment to make 11,000 cigarettes. The stipendiary magistrate ordered the drugs to be confiscated.

Altered Prescription Detected. — At Hamilton sheriff court recently, Mary Napier Hunter Nisbett or Bell, New Stevenson, was sentenced to two months' imprisonment for obtaining drugs by fraud. It was stated that she called at a surgery and pretended to the doctor that she was another woman, and that she was receiving treatment from a surgeon in Glasgow Infirmary, who had advised her if she had pains to obtain a prescription from a local doctor for morphine tablets, which she might then obtain from a chemist. Mrs. Bell had succeeded in obtaining morphine tablets from an Uddington chemist on four occasions. On the last occasion the chemist noticed an un-initialled alteration made on the prescription. The chemist, on seeing the doctor the following day, mentioned this matter, and as a result the case was reported to the police.

Theft of Saccharin Tablets.—At Manchester on August 19, Nora Jackson, works chemist, was fined £25, and Mrs. E. M. Danson, storekeeper, £10, on charges of stealing saccharin tablets from their employers. A detective stated that apparently a chemist asked Miss Jackson if she could get saccharins for him. She got some from Mrs. Danson and the chemist paid the proper price for them, thinking it was a normal business transaction. Between January and early August 1947, Miss Jackson obtained saccharins at intervals and passed them on to chemists. The money received was handed over to Mrs. Danson, who said she had not touched the money and produced £156 at her home.

Unauthorised Handling of Drugs.—At Chorley, Lancs, on August 12, Dr. Raymond C. Evan, 34 Church Street, Adlington, was fined a total of £150 for procuring, supplying and possessing certain drugs while not authorised. He pleaded guilty. Counsel said Dr. Evan had not been authorised to handle dangerous drugs since July 1941 when, at Hove, he was bound over on condition he entered an institution for remedial treatment. Following the conviction, Dr. Evan's authority to procure, supply or possess these drugs was withdrawn. From 1942 he was for four years medical officer at the Rolls Royce works at Crewe, and in September 1946 he became assistant to Dr. Jack at Adlington. Since then he had been in practice on his own. He had procured 45 hypodermic tablets, each containing morphine, gr. ¼; 2 lb. 10 oz. tincture of opium, 8 oz. "liquid morphine." Dr. Evan said he was under the impression his authority had been withdrawn for only twelve months.

COMPANY NEWS

HUDSON & TOWLE, LTD. (P.C.).—Capital £500. To carry on the business of importers, exporters and manufacturers of and dealers in chemicals, gases, drugs, medicines, etc. The directors are not named. R.O.: 21 Cardiff Road, Luton.

ALFA PLASTICS, LTD. (P.C.). — Capital £5,250. To carry on the business of manufacturers of and dealers in plastic and metal goods, chemicals, etc. E. C. Graham and G. A. Rohonczi, directors. R.O.: 61 Mark Lane, London, E.C.3.

A. M. JENKINS & SONS, LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturing chemists, druggists, perfumers, etc. Sunil C. Mukerjee and Mrs. Alice M. Mukerjee, directors. R.O.: 374 Old Street, London, E.C.1.

STEPHEN TAYLOR (CHEMISTS), LTD. (P.C.).—Capital £3,000. To acquire the business of chemists and druggists now carried on by Elsie Taylor and Joseph F. Dobson at 39 Cavendish Street, Barrow-in-Furness as "Stephen Taylor." Elsie Taylor, John S. Taylor, Bernard M. C. Taylor and John F. Dobson, directors.

HUMBER OIL CO., LTD. (P.C.).—Capital £40,000. To acquire the business of an oil, colour and carbide manufacturer and dealer carried on by D. S. Barton at Burton Street, Hull, as the Humber Oil Co. Douglas S. Barton, Winifred M. Barton and Gerald D. Barton, all of Elmcroft, Molescroft, Beverley, E. Yorks, directors.

LASTONET PRODUCTS, LTD. (P.C.).—Capital £10,000. To acquire the business of makers up and distributors of bandages, stockings and other articles made of elastic and other fabrics carried on by John Heathcoat & Co. at Tiverton. Sir John H. Amory, Bt., and Frederick Johnstone, directors. R.O.: The Factory, Leat Street, Tiverton, Devon.

E. J. ROBERTS & CO., LTD. (P.C.).—Registered in Belfast. Capital £1,000. To carry on the business of chemists, druggists, etc. Annabella Roberts, 183 Cliftonpark Avenue, Belfast; Herbert W. Gamble, 52 Orangefield Crescent, Belfast; Muriel Guy and Dorothy Richardson, directors. R.O.: 250 Shankill Road, Belfast.

WESTNOR PRODUCTS, LTD. (P.C.). — Capital £1,000. To carry on the business of manufacturers of and dealers in chemicals, solvents, acids, alkalis, drugs, etc. Herbert Macartney, 64 Wilmslow Road, Cheadle, Ches. Harold Hibbert, The Woodlands, Werneth Road, Hyde, Ches, and Ernest J. Fletcher, Ivanhoe, Bramhall Moor Lane, Hazel Grove, Stockport, directors. R.O.: 44 Brazenose Street, Manchester, 2.

G. B. KENT & SONS, LTD. (P.C.).—Net profit for 1946 amounted to £50,439, against £27,694 in the previous year. An ordinary dividend of 93⅓ per cent. is recommended, compared with 53⅓ per cent. in 1945.

SANITAS TRUST, LTD.—Net profit for year ended May 31, after taxation, amounted to £34,661, against £33,013 in the previous year. The final dividend on the ordinary shares is 7½ per cent., making 12½ per cent. for the year, the same as in 1945-46.

STEPHEN SMITH & CO., LTD.—Trading profit for the year ended April 30, 1947, amounted to £89,888, against £57,784 in the previous year. A dividend of 15 per cent. is recommended on the ordinary shares, compared with 10 per cent. in 1945-46. Mr. Frederick C. Aslin retires from the board and the directors recommend his re-election.

BUSINESS CHANGES

J. F. GILMA & CO., LTD., recently opened a pharmacy at Ballybough, Dublin.

MR. CHARLES E. MOSS, PH.C., has taken over the pharmacy at 7 Ormeau Road, Belfast, formerly conducted by Mr. Henry Weir.

PURICINE PRODUCTS, LTD., have transferred their registered office to 49A Bow Road, London, E.3. The telephone number (Advance 1809) remains unchanged.

MR. G. P. TAYLOR, M.P.S.N.I. (a representative of A. L. Simpkin & Co., Ltd., and W. B. Cartwright, Ltd.) has removed to Room 19, Riddel's Chambers, 64 Great Victoria Street, Belfast.

JOHN KNOX (STOKE-ON-TRENT), LTD., Jaynox Works, King Street, Fenton, Stoke-on-Trent, Staffs, state that all the company's departments have now removed to that address.

EVANS MEDICAL SUPPLIES, LTD., Liverpool, have acquired additional land at Speke, bringing the company's total area of land for development there to thirty acres.

PLYMOUTH CO-OPERATIVE SOCIETY, LTD., has acquired from Mr. H. Jory the property and pharmaceutical business at 21 Fore Street, Torpoint, Cornwall. The business is being conducted as a branch of the Society.

ASCOTTS PHARMACIES (1933), LTD., Wembley, Middlesex, have acquired the business at 129 High Street, Staines, formerly carried on by Martyns (Chemists), Ltd., and the business at 64 High Street, Ruislip, formerly carried on by Jones, The Chemists (Ruislip), Ltd.

EX-LAX, LTD., Slough, Bucks, have appointed Mr. G. T. Markland, 7 Great Moore Street, Bolton, Lancs, as their representative in the North of England in succession to Mr. J. S. Waylor, who has gone al road after fifteen years' service with the company.

TOPICAL REFLECTIONS

The Grouping of Shops

When town planning is being discussed, the Retailers' Advisory Committee on that subject (p. 227) has a right, and a duty, to make suggestions. I am not much impressed by the Committee's remark that "personal shopping is, in itself, a pleasurable activity." Housewives whom I have met during the past few years have given me to understand that shopping has long since ceased to be a pleasure, though it may have merited that description in the more or less remote past. It may be added that housewives—and they, with their messengers, form the largest class among a chemist's customers—are not so much interested in the exterior as in the interior of any shop they visit. That is no reason, of course, why the individual and collective erection of shops should not be planned with intelligence. The practical remarks of the Retailers' Advisory Committee include four salient points. First, shops should be in compact groups. While I am not prepared to contend that a shop should never be built "in splendid isolation," as the Committee terms it, at the corner of a residential street, I am of opinion that this should be the exception, not the rule. Second, both sides of a street should present a continuous frontage of shops—though even then, I suggest, one side may eventually claim precedence as the better shopping side. Third, civic buildings and premises such as banks should be placed in separate though adjacent centres. This principle has to some extent been carried out at Cardiff. Fourth, shops should be provided with service roads at the back.

Obsolescent Medicaments

Dr. John Shiel, whose generous reference to this section is much appreciated, forecasts (p. 235) the disappearance within a generation of many medicaments now extensively prescribed. His trenchant criticism of some of these survivals makes good reading. Most of your readers will agree, I believe, that far-reaching changes in prescribing and dispensing are approaching. For confirmation we have only to look through your last week's issue, where there is a profoundly interesting article on the electron microscope (pp. 228-33), and references to radioactive "tracers" (p. 223) indicate continuing activity in this promising field of research. Even after allowing for the so-called cyclic or spiral movement of thought, we cannot suppose that the old routine ordering of drugs and chemicals will continue without extensive modification. And when it sinks into the public consciousness that medical practitioners have taken a new road in prescribing (though the public consciousness may be slow to react), the demand for the galenicals of today is certain to lessen. In 1558 a Lyons apothecary named Pierre Braillier issued a pamphlet in which he boldly ridiculed the prescribing of precious stones. We know now that he was in the right. In the twentieth century pharmacologists have the advantage of controls in their studies, and their discrediting of any traditional medicine will be accepted without a shudder.

The Metric System

The resolution of the Royal Society Empire Scientific Conference, asking for the inclusion of conversion factors in scientific data expressed in systems other than the metric (p. 214), will no doubt be widely circulated. I confess to some surprise that, in the middle of the twentieth century, this resolution has been found necessary. Pharmacy has a good record in this respect. On looking through various annual reports of the British Pharmaceutical Conference, I see that the expression in metric terms of weights, measures and temperatures is the rule; and I should not be surprised to learn that monographs for acceptance by the Executive must conform to it. The preparation of the original metric standards took about nine years. In 1790 the French Academie des Sciences was commissioned to devise a system of weights and measures based on a natural constant. The preliminary work was entrusted to five of its members (afterwards joined by a sixth). They selected a quadrant of the meridian as the natural constant, and recommended that its ten-millionth part be the primary unit of length. During the next seven years two members of the Academie measured, amid many difficulties, an arc of the meridian extending from Dunkirk to Barcelona. For this survey four bars of platinum, each two toises (about 153 British inches) in length, were made. The calculations thus obtained resulted in the construction in 1799 of four potential standard metres made of brass: on the one selected, two standard metres of platinum and twelve of iron were based. From this standard of length other standards were obtained.

Xrayser

BIRTH

WATT.—At Elsie Inglis Maternity Hospital, Edinburgh, on July 28, Nancy, wife of David Watt, Ph.C., 34 New Row, Tranent, East Lothian, of a daughter.

MARRIAGE

Golden Wedding.—WARDEN-HALLIDAY.—In Peckham, London, S.E.15, on August 28, 1897, Albert Ernest Warden to Clara Halliday. Present address, Sunnybank, 5 Lytton Gardens, Wallington, Surrey.

DEATHS

BERGER.—On August 16, Mr. Cyril Harry Berger, M.P.S., 19 Argyle Square, Sunderland, aged thirty-five.

BURNS.—On August 9, Mr. John Thomas Burns, M.P.S., 29 Thornfield Road, Linthorpe, Middlesbrough, formerly of Saltburn-by-Sea, aged thirty. Mr. Burns qualified in 1938.

CLARK.—On July 31, Mr. John William Clark, M.P.S., 34 Heywood Street, Bury, aged seventy-four. Mr. Clark qualified in 1900.

CORLETT.—In Toronto, Canada, on July 10, Mr. William Edward Corlett, chairman and co-founder of G. Tamblyn, Ltd., chemists, Ontario. Mr. Corlett graduated as a pharmacist from Ontario College of Pharmacy. In 1904, with the late Mr. Gordon Tamblyn, he founded what was to become the largest multiple drug business in Canada. It now operates seventy branches.

FRANCIS.—At his home, Tudor Square, Tenby, Pembrokes, recently, Mr. James Bowen Francis, M.P.S., aged seventy-one. A native of Milford Haven, Mr. Francis qualified as a chemist and druggist in 1898. He conducted a chemist's business at the Medical Hall, Tenby, for many years, and was mayor of the town in 1931. He is survived by a widow and two daughters.

FRASER.—At Funchal, Madeira, on July 17, Mr. Hugh John Fraser, son of the late Mr. James Fraser, M.P.S., 13 Landale Road, Peterhead.

GRIERSON.—On August 16, at his home, 7 Woodview Terrace, Hamilton, Lanarks, Rev. John Callander Grierson, aged sixty-five. Mr. Grierson, who qualified as a chemist and druggist in 1910, practised as a pharmacist for some years in Dalmuir, Glasgow, and later went to Canada where he studied for the church. He returned to Scotland in 1927 and became minister of a church in Kirriemuir, Angus. He is survived by his widow and a daughter.

KERSHAW.—At his residence, Egerton House, Alderley Edge, Cheshire, on August 22, Mr. Stanley Kershaw, M.P.S., elder son of the late Mr. Edward Kershaw, M.P.S., Manchester, aged fifty-eight. The funeral service took place at St. Philip's Church, Alderley Edge, on August 28.

STEPHENSON. — At Nottingham General Hospital, on August 21, Mr. James Stephenson, M.P.S., Glengarriff, Southey Street, Nottingham, aged seventy - five. Mr. Stephenson, who was for many years in business in the Radford district, was a native of Newark, but transferred to Nottingham to set up in business at Alfreton Road, later removing to Hartley Road, where he was actively engaged in the business until a week prior to his death. Mr. Stephenson is survived by his widow and two sons.

WILLS

MR. JOHN WRIGHT, M.P.S., 160 Fountainbridge, Edinburgh, left £23,408.

MR. WILLIAM SWAN, M.P.S., 3 The Court, Lyndhurst Road, Hove, left £797 with net personalty £761.

MR. GEORGE WILLIAM JELLEY, 92 Broadway, Coventry, retired chemist, left £13,608, with net personalty £3,389.

MR. JOSEPH HENRY HOLLINGWORTH, M.P.S., 55A Devonshire Road, Birkenhead, left £3,501, with net personalty £3,407.

MR. CHARLES PRESTON CLUETT, M.P.S., 50 Longstone Road, Eastbourne, left £3,128, with net personalty £1,360.

MR. EDWIN EVELYN HARRISON TURTON, M.P.S., 27 Derby Grove, Nottingham, left £5,414, with net personalty £5,354.

MR. HENRY WILLIAMSON, M.P.S., 1 Queen Street, Ossett, Yorks, left £9,670, with net personalty £9,202.

MR. ROBERT SPENCER BRIGGS, M.P.S., 375 Geneva Road, Darlington, co. Durham, left £1,229.

MR. ARTHUR BILLINTON, M.P.S., 166 Westgate, Wakefield, left £26,430, with net personalty £26,090.

MR. RICHARD SAMUEL LONGLEY, M.P.S., 3 Miles Hall Crescent, Stainbeck Road, Leeds, left £370.

MR. RONALD NEWTON TINKER, M.P.S., Oak Dene, Woodhouse, Shelley, Huddersfield, left £205.

MR. ALFRED LEE HALL, M.P.S., Ivy Lodge, Greet, nr. Winchcombe, Glos, left £7,229 with net personalty £2,652.

PERSONALITIES

H.R.H. PRINCESS ELIZABETH has accepted an invitation of the Royal Society of Arts to become its president.

MR. J. E. GREENWOOD (a director of Boots Pure Drug Co., Ltd.) has been appointed a justice of the peace for Nottingham.

MR. J. H. KELLGREN, M.B., B.S., M.R.C.P., F.R.C.S., has been appointed clinical director of the research centre for rheumatism, University of Manchester.

MR. W. T. PRATT, M.P.S., who has been elected president of the Western Pharmacists' Association and West London Branch of the Pharmaceutical Society for 1947-48, is in business at 94 Canterbury Road, and 1 Princess Road, London, N.W.6. Mr. Pratt was educated at a Cambridge school and served during the 1914-18 war with the Royal Flying Corps. Later he was apprenticed to Mr. H. S. Watson (then proprietor of T. H. Bateman, 223 Finchley Road, London, N.W.3). After qualifying as a chemist and druggist in 1923, he joined the staff of John Barnes & Co., Finchley Road, London, N.W.3, where he became, at that time, the youngest buyer in London. Later he managed the drug department of Sangers, Ltd., London. He took over his present businesses in 1932 on the death of his uncle, their former owner, the late Mr. R. R. Pratt. Mr. Pratt's wife, Mrs. M. A. Pratt, M.P.S., controls the business in Princess Road.

MISS W. G. KEEPE, B.SC. (PHARM.), PH.C., 1 Beech Road, Chorlton-cum-Hardy, Manchester, has been awarded the Wellcome Pharmaceutical Research Fellowship for 1947-48. Miss Keepe who is to work during this period at Manchester University, has been engaged for the past year on penicillin research.

MR. A. E. WARDEN, whose golden wedding is announced opposite, was the subject of an article in the CHEMIST AND DRUGGIST, 1942.II.329, on the occasion of his retirement from the assistant-secretaryship of the Wellcome Foundation, Ltd., after fifty years' continuous service with Burroughs Wellcome & Co.

With reference to a paragraph published in this column in the issue of June 28 (p. 742), we wish to point out that, according to the statement issued by May & Baker, Ltd., Dagenham, Essex (*C. & D.*, 1938.II.107), Dr. A. J. Ewins and Dr. M. A. Phillips were the discoverers of sulphapyridine and that the biological work on its application was carried out by Sir Lionel Whitby.

FIFTY YEARS AGO

Discussion on International Pharmacopœia

(*From the C. & D., August* 28, 1897)

ON THURSDAY the belated essays had to be put through, the most important discussion in the morning [at the eighth International Pharmaceutical Congress, Brussels] being on the proposed International Pharmacopœia. It would have been ungrateful to have omitted this familiar old stand-by from the programme. It was the subject on which the earlier Congresses lived, and though it has long ago passed into the region of our dead past, there still remain a few of the faithful, and these are recruited by certain new enthusiasts who see a brighter and better world before us when it is illuminated by an International Pharmacopœia. The programme announced three papers on "The Universal Pharmacopœia"—one by M. de Moralés, the Mexican delegate; another by M. Droncke; and the third by Professor Remington. The last-named was simply the report of the Chicago Committee (Remington, Carteighe, and Von Waldheim) which we gave last week. It was commissioned to prepare an International Pharmacopœia of Potent Remedies, has been granted $1,000 by the American Pharmaceutical Association, and hopes to get to work soon. . . . M. de Moralés presented the usual arguments in favour of a Universal Pharmacopœia, and then sketched what he thought should be its character. It should give the botanical or zoological classification of the various drugs, indicating the species which ought to be used; the preparation of active ingredients; the properties and constituents of chemical compounds named.

TRADE NOTES

Price Increase. — Herts Pharmaceuticals, Ltd., Bessemer Road, Welwyn Garden City, announce that prices of Nivea Creme are being increased on September 1.

Reintroduced.—After an absence from the market for some considerable time, Heinz strained foods, specially prepared for feeding to babies, have been reintroduced by H. J. Heinz Co., Ltd., Harlesden, London, N.W.10.

Prices Advanced.—Burroughs Wellcome & Co., London, N.W.1, announce that from September 1 the prices of Tabloid Rytol and fine-grain developers (small size), Tabloid ammonium persulphate, and Tabloid chromium intensifier are being increased.

Reappearance of Large Size. — On September 1, the 100-tablet pack of Digestif Rennies, manufactured by E. Griffiths Hughes, Ltd., Adelphi, Salford, 3, Lancs, again becomes available to retailers. Terms are given elsewhere in this issue.

Product Title Changed.—Dencil Manufacturing Co., Ltd., 21 Cambridge Street, Liverpool, 7, announce a change in the name of their peroxide tooth-whitening pencil to Densheen. The product is issued in an attractive pack, and show material is available.

Larger Size Introduced. — The Iron Jelloid Co., Ltd., Watford, announce the issue, through the sole distributors, Irving's Yeast-Vite, Ltd., Watford, of a new and larger size of Iron Jelloids, providing for a thirty-day treatment. The new size may be included, if desired, in retailers' £5 mixed parcels of the company's proprietaries as specified in an announcement on another page.

Protein Therapy.—Evans Medical Supplies, Ltd., Speke, Liverpool, 19, have decided to market their oral amino-acid preparation Hepovite. Clinical trials that have been in progress for some time in hospitals all over the country show that this enzyme hydrolysate of liver protein is proving successful for many conditions where protein therapy is required. Hepovite is being marketed in hermetically sealed tins containing 5 oz. Descriptive literature will be available shortly.

Halibut Emulsion for Infants. — The Crookes Laboratories, Ltd., Park Royal, London, N.W.10, have issued a concentrated emulsion of halibut oil, reinforced with additional vitamin D, for infant feeding. The dose of the preparation, which is readily miscible in milk, is three drops per feed in four daily feeds, and the product is standardised to provide in the daily twelve drops 3,000 i.u. vitamin A and 800 i.u. vitamin D. The emulsion is presented in 15 c.c. containers and supplies are available from September 1.

Proprietary Articles Trade Association

Additions to Protected List (Part 1).—*Kaylene, Ltd.*, Analjol liniment, 24s. doz., tax 4s. doz., inclusive retail price 3s. 4d.

Alterations (Part 1).—*Allen & Hanburys, Ltd.*, Salicylysin ointment, 2-oz. tube, 36s. 6d. doz., tax 6s. 1d. doz., i.r.p. 4s. 11d.; liniment, 2-oz bottle, 32s. doz., tax 5s. 4d. doz., i.r.p. 4s. 3½d.; 4-oz. bottle, 59s. 9d. doz., tax 9s. 11½d. doz., i.r.p. 8s. Allenburys magnesia with paraffin, 8-oz., 14s. 9d. doz., tax 2s. 5½d. doz., i.r.p. 1s. 11½d.; 16-oz., 26s. 6d. doz., tax 4s. 5d. doz., i.r.p. 3s. 6½d.

English Pharmaceutical Co., Ltd., Increased prices, September 1:—Kodeno analgesic tablets, 12s. 6d. doz., tax 2s. 1d. doz., i.r.p. 1s. 8d. Six dozen less 5 per cent.

Hankinson's Alterine, Ltd., Alterine, 30s. doz., tax 5s. doz., i.r.p. 4s. 2d. New scour cure, 30s. doz., tax 5s. doz., i.r.p. 4s. 2d. Greeno salve, 30s. doz., tax 5s. doz., i.r.p. 4s. 2d.; 46s. 8d. doz., tax 7s. 9d. doz., i.r.p. 6s. 6d.; 66s. 8d. doz., tax 11s. 1d. doz., i.r.p. 9s. 3d.; 90s. doz., tax 15s. doz., i.r.p. 12s. 6d.; 180s. doz., tax 30s. doz., i.r.p. 25s.

Potter & Clarke, Ltd., Buchanan's skin-clear soap, 6s. 9d. doz., tax 2s. 3d. doz., i.r.p. 1s. Prefix "Doctor" has been deleted from Buchanan's and Thompson's Preparations.

Additions to List (Part 2). — *North Western Laboratories, Ltd.*, Gay-Venture preparations: Foundation cream, 1-oz. jar, 20s. doz., tax 20s. doz., i.r.p. 4s. 2d.; 2-oz. jar, 30s. doz., tax 30s. doz., i.r.p. 6s. 6d.; ½-oz. tube, 10s. doz., tax 10s. doz., i.r.p. 2s. 1d.; face powder, 31s. doz., tax 31s. doz., i.r.p. 6s. 6d.; lipstick, 31s. 8d. doz., tax 31s. 8d. doz., i.r.p. 6s. 7d.; lipstick refill, 10s. doz., tax 10s. doz., i.r.p. 2s. 1d.; make-up base, 20s. doz., tax 20s. doz., i.r.p. 4s. 2d.; cold cream, 28s. doz., tax 28s. doz., i.r.p. 5s. 10d.; 18s. doz., tax 18s. doz., i.r.p. 3s. 9d.; hand cream, 28s. doz., tax 28s. doz., i.r.p. 5s. 10d.; 18s. doz., tax 18s. doz., i.r.p. 3s. 9d.; skin food, 31s. doz., tax 31s. doz., i.r.p. 6s. 6d.; 20s. doz., tax 20s. doz., i.r.p. 4s. 2d.; cleansing cream, 24s. doz., tax 24s. doz., i.r.p. 5s. 6d.

Alterations (Part 2).—*Petrole Hahn* (Agents, *R. Hovenden & Sons, Ltd.*), 4-oz., 34s. 8d. doz., tax 34s. 8d. doz., i.r.p. 7s.; 7-oz., 55s. 4d. doz., tax 55s. 4d. doz., i.r.p. 11s. 3d.

Pompeian Beauty Preparations, Face powder, Large, 19s. doz., tax 19s. doz., i.r.p. 3s. 11½d.

J. Tozeau Saunders Preparations, Ninona cold cream, jar, 9s. doz., tax 9s. doz., i.r.p. 1s. 10d.

ROBERT JAMES'S DICTIONARY

By Kalamos

IN form, though not in name, the Medicinal Dictionary of Robert James is an encyclopædia. It has shared the fate of its class in becoming out of date, and is very seldom cited. For the present-day reader it has a twofold attraction: it assembles facts not easily found elsewhere, and serves as a background to the London and Edinburgh Pharmacopœias in use in the middle of the eighteenth century. The study of backgrounds having become fashionable, we may approach the work from this standpoint. James and some of his contemporaries criticised the timidity of the compilers of the two Pharmacopœias but could not entirely free themselves from their own inherited prejudices. In a plea for the simplification of formulas, James referred to official preparations "whose Composition, notwithstanding their Antiquity, render them extremely ridiculous;" yet the *naïveté* of certain statements in the Dictionary gives it a touch of quaintness that we may be sure the author did not intend. Massive though its three folio volumes are, it contains an appreciable proportion of what may fairly be called light reading.

Printed by Subscription

A four-page pamphlet entitled "Proposals for Printing a Medicinal Dictionary" was issued in 1741. In that year James, an M.D. of Cambridge and an extra-licentiate of the London Royal College of Physicians, was thirty-eight. His schoolfellow Samuel Johnson, who drew up this pamphlet and wrote several articles or parts of articles in the Dictionary, was thirty-two. It is probable that the experience thus gained was useful in the compilation of Johnson's own Dictionary, completed in 1755. The third collaborator was William Schwanberg, referred to by James as "extremely well versed in the most abstruse Operations of Chymistry;" and it may be remembered that in the controversy during the seventeen-fifties over the comparative merits of James's Powder and a competitive preparation sold by Walter Baker, a London chemist, James was accused of having taken his process of manufacture from Schwanberg without payment. It would be possible to make an approximate analysis of the contents of the Dictionary into A, B and C, the respective shares of James, Johnson and Schwanberg, the medical facts and opinions being the work of the first, the classical history of the second, and the scientific information of the third. We are not told whether any other contributors were engaged.

The Dictionary was to consist of "about 400 sheets in two volumes folio," five sheets to be delivered to subscribers every fortnight, in a cover and "stitch'd," for a shilling; publication was to begin on January 1, 1742. A description of what the subscribers were to expect filled the last two pages of the prospectus. A brief quotation will suffice:

> "The *Materia Medica* of the Antients lies, the present, in great Confusion: Many Plants, and even Animals, were called by different Names by the *Greeks*. . . . [The confusion was to be cleared away.]
>
> "The Art of *Chymistry* will only fall under our Consideration as a Branch of *Pharmacy*. . . .
>
> "It is not pretended that this Book will make every Reader a complete Physician; but it will be some Recommendation of the Work, if it shall enable Mankind to detect the Impostures of confident Pretenders to Physic, and escape those Frauds which are often practised at the Expence of Life; and shall instruct those who live remote from Physicians . . ." [how to act in an emergency].

Animal medicine was among the subjects chosen; the author also promised "an accurate and regular Quotation of the Authors whose Doctrine we shall adopt," with a hit at compilers of dictionaries who, "either from Negligence or Vanity," had not been so scrupulous.

A Massive Publication

The first volume of the complete work is dated 1743; the second and third are dated 1745. The price of the set was £9 6s. The Dictionary is unpaged, with the exception of its preface of ninety-nine pages; a calculation based on the printer's signatures shows that the total number of pages is nearly 4,000, including excellent copperplate illustrations. James fulfilled his promise of acknowledging indebtedness. In the preface he thanked J. C. Rieger: in articles on materia medica, he cited Dale, Miller, Quincy, Lemery and others—though I have not found a mention of Linnæus; and the twenty-eight-page article on botany contained accounts of J. P. de

Tournefort's and Ray's systems, with a bibliography. He was sincere, we may assume, in criticising some of the elaborate formulas of his day; but in view of his leisurely and discursive method of dealing with many subjects, such a comment as the following reads strangely:

"You see on what Simplicity in the Knowledge of Diseases and Remedies the Princes of the Art rely'd; and have others succeeded better with a vast Increase of the *Materia Medica?* By no means; for the Goodness of a Remedy is to be rated by its Simplicity, since multiplying of Medicines is not without Danger. What need then is there of such a pompous Apparatus, collected in so many Ages, and digested by so many Hands? What mighty Matters have this operose Pharmacy and Chymistry effected? . . . Mineral Waters, Salts, gentle Diaphoretics, Soap, Mercury, Steel, with a few Vegetables, and proper Exercise of the Body, answer all Intentions. . . . We can despair of nothing, while we follow Simplicity; but the Event of intricate Labour is fallacious."

A

MEDICINAL

DICTIONARY;

INCLUDING

PHYSIC, SURGERY, ANATOMY, CHYMISTRY, AND BOTANY,

In all their BRANCHES relative to MEDICINE.

TOGETHER WITH A

HISTORY *of* DRUGS;

An ACCOUNT of their Various

PREPARATIONS, COMBINATIONS, and USES;

AND AN

INTRODUCTORY PREFACE,

Tracing the PROGRESS of PHYSIC, and explaining the THEORIES which have principally prevail'd in all Ages of the World.

With COPPER PLATES.

By *R. JAMES*, M. D.

VOL. I.

The LORD *hath created Medicines out of the Earth, and he that is wise will not abhor them,* Ecclesiasticus, Chap. xxxviii. Verse 4.

Ἰητρὸς, τέχνης μὴ πάσσων ἐστὶ ἰητρός. HIPPOCRATES.

LONDON:

Printed for T. OSBORNE, in *Gray's-Inn*;

And Sold by J. ROBERTS, at the *Oxford-Arms* in *Warwick-Lane.*

M.DCC.XLIII

Title-page of James's "Medicinal Dictionary"

Range and Discursiveness

Medicine, pharmacy, science and history are so intimately mixed in the Dictionary that the selection of a few topics with a pharmaceutical interest seems to offer the best hope of giving a fair idea of the contents. One of the earliest articles that appears in the encyclopædic work deals with Abracadabra, a word written and used in various ways as a charm. A twentieth-century reader may well ask what this word is doing as a heading in a dictionary of medical subjects. James explains that the application of the term was recommended by Serenus Samonicus [*sic*] for "a kind of fever." Arranged as a cone, it was to be suspended from the neck by a linen thread. This article is followed by one on Abracalan, another cabbalistic word. Let us note how James makes these absurdities topical:

"St. Chrysostom and St. Augustin are not pleased with these Amulets, which they look upon as idolatrous. But I would not propagate their doctrine, for fear of interfering with the sale of the famous Anodyne Necklace. . . . But I must do the justice to *Abracadabra* and *Abracalan,* to say they have a meaning, which I don't find the Anodyne Necklace has. . . ."

It will be remembered that anodyne necklaces were much advertised in the eighteenth century. Similarly, the article "Calculus" includes a lengthy reference to Mrs. Stephens's medicine for stone (purchased by Parliament for £5,000); this is treated with more seriousness than one would have expected.

Under the heading "Adeps," medicinal uses of fat obtained from many species of animals, birds and fish are duly recorded. One of the legends perpetuated takes the reader back to the seventeenth century or further: "If the Bridle of a Horse is anointed with the Fat of a Wolf. it is said the Animal will not move forwards."

Among the animals yielding medicinal fat is, of course, man: "Man's Grease is emollient, discussive, anodyne, and anti-paralytic." From another part of the Dictionary (under "Rachitis") I have taken a formula for a "Nervous Ointment." It reads: "Take of human Fat, and expressed Oil of Nutmegs, each half an Ounce; of Peruvian Balsam one Dram; and of the Oils of Rue, Lavander and Cloves, each thirty Drops." This was to be applied to the spine and joints.

From adeps humanus to "Asinus" may seem to be a descent. But let us not be hasty. "The *Ass,*" we read, "is an Animal too well known to require a Description. It has the Misfortune to be much less esteem'd in our Days, than amongst the Antients, who paid it a very great Respect, as we may infer from a great Number of Passages in the *Greek* Writers." The parts of this noble beast required (or at any rate used) in medicine are specified.

The Toad in Medicine

If we may judge from allotment of space, the toad was in 1743 among the more important substances prescribed and dispensed, for the article "Bufo" occupies nearly five pages of the Dictionary. Here, as elsewhere, James's scepticism about quaint legends is combined with a certain indulgence towards them. The following passage is typical:

> "Some have also asserted, that the Person who gazes long on an ill-colour'd Toad of an horrid Aspect becomes pale, and assumes an icteritious Colour. If 'tis true, that this Circumstance really happens, I am of opinion, that it is not to be accounted for from any Effluvia passing from the Animal to the Person, but from his being struck with Terror upon reflecting on the poisonous Nature of the Toad, and his entertaining a Notion, that it can exert its hurtful qualities at a Distance. . . ."

The account of symptoms and treatment in this ailment ends: "By-and-by the Patient must be forc'd to walk hard, or run, in order to carry off the Torpor with which he is seiz'd. He must also be wash'd every Day." Some patients of James's day may have objected to one or both processes. As I have indicated, there was a limit to his indulgence for credulity. On the one hand this article is encumbered by a story of two merchants who died after drinking wine flavoured with sage leaves; on investigation it was found that toads were living below the plants from which the leaves had been gathered. On the other hand he quotes an adverse criticism by Thomas Willis, who described as "an empirical and foolish Medicine" the application in cases of hæmorrhage of a silk bag containing a dried toad. Again, he considered the finding of a stone in the head of a toad to be a very improbable event. We must remember that the toad was for some time recognised in our Pharmacopœias, and that it was tried for cancer. One of the assertions most easily tested then, one would think, is that the bone of the fore leg of a toad, applied to an aching tooth, will give immediate relief.

(*To be concluded*)

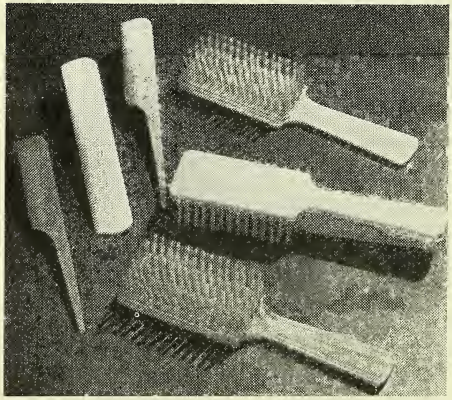
MEDICAL ABSTRACTS

Penicillin and Blood Coagulation.—Experiments conducted by Fleming & Fish ("British Medical Journal," August 16, p. 242) showed that penicillin, in concentrations likely to be achieved in local application, retarded the coagulation time of samples of normal human blood and retarded the contraction of the clot. The authors conclude that the local use of penicillin in an operation where the formation of a firm blood clot is of first importance (e.g., excision of the end of the tooth root) should be limited to washing out the cavity with a solution not stronger than 100 units per mil. The treatment may be combined, when necessary, with intra-muscular injections of penicillin.

Histamine Conversion *In Vivo*.—Following a report by Holtz (1937) that histidine was converted to histamine *in vitro* by the action of ascorbic acid, Wirtschafter and Widmann ("Journal of the American Medical Association," March 1, p. 609) attempted to produce the reaction *in vivo*. Patients suffering from peripheral vascular disease were given 500 mgm. of sodium ascorbate intravenously, followed by an intramuscular injection of 5 mils of a 4 per cent. aqueous solution of 1(-) histidine monohydrochloride, and a subcutaneous injection of another 100 mgm. sodium ascorbate. Injections of the two organic compounds were then repeated regularly every four to twelve hours, and an additional 600 mgm. daily of ascorbic acid was given orally. Tests during treatment indicated the presence of histamine in the urine and serum of the patients. The eleven patients treated "responded favourably" to the therapy, and did not require amputations, while "dramatic" relief of pain occurred within six hours to three days.

INDUSTRIAL DESIGN IN SCOTLAND

SCOTTISH pharmacists who visit the important exhibition which was opened in Edinburgh by the Duke of Gloucester on August 25 under the title "Enterprise Scotland" may feel some disappointment that the skill and initiative of their countrymen, which is so strongly demonstrated in the textiles and engineering exhibits, hardly shows up, in their own sections, in the bold outlines which Scotland's valuable contributions to pharmacy and to science generally would entitle them to expect. That is, perhaps, a disadvantage of adopting such a title for an exhibition which has been concerned, like the "Britain Can Make It" Exhibition held in London in 1946, with attributes of design and presentation rather than with the inherent qualities of industrial products. Hence the alkaloids, for example, of T. & H. Smith, Ltd., Wheatfield Road, Edinburgh, the chloroform of Duncan, Flockhart & Co., 104 Holyrood Road, Edinburgh, and similar Scottish pharmaceuticals of outstanding merit go unrecognised by the casual visitor to an exhibition which he might be pardoned for supposing to represent the whole territory of North-of-the-Border industry.

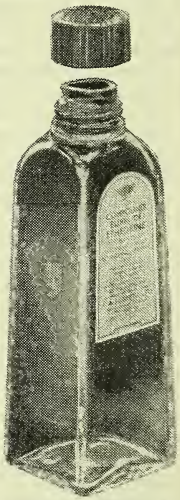


Combs and hairbrushes by Coltric, Ltd., Larkhall

It is true that both companies mentioned are represented at the Exhibition, and both with considerable distinction, yet both with items that give but a small and incomplete picture of the scope of activities of the two firms.

In the scientific instruments section, the Lumsden Lamp Co., Millburn, Perth, display sun lamps and infra-red lamps; and Peter Stevenson, Ltd., 40 Potterrow, Edinburgh, show thermometers, hydrometers and scientific glassware.

The exhibit of Duncan, Flockhart & Co., is in the packaging section, where two packages for 60-c.c. tubes of ethyl chloride have been selected for inclusion by the adjudicators. In the same section is a bottle specially designed for use by T. & H. Smith, Ltd. in marketing products manufactured by the company. The lip of the bottle, shaped to ensure clean pouring and the accurate measurement of doses, is so placed as to prevent the contents from being spilled over the label, and is protected by the cap which provides a tight closure. The shape of the bottle, with a broad base to prevent toppling, was chosen for easy and pleasant handling.



Bottle specially designed for T. & H. Smith, Ltd.

Coltric, Ltd., Larkhall Estate, Lanarks, have a display of brushes and combs, as illustrated on this page.

The progress made by Scotland in the perfumery industry is reflected in exhibits of 4-oz. packages in red and gold, with lavender-coloured label, for Yarrow Vale lavender water by Scottish Perfumes, Ltd., 43 Virginia Street, Glasgow, C.1, and of Scottish Highland Heather and other perfumes by Rex Ray Co., 14 Bridge Street, Aberdeen. The former company commenced business about twelve years ago, when the company was founded by Mr. J. T. D. McNicol, the present managing director. The venture was completely new for Glasgow, a city that had previously been noted for heavy industries rather than for the luxury trades. Mr. McNicol had the conviction, however, that perfumery could be produced and sold from Scotland, despite the fact that Paris and London had always been regarded as the home of the industry. Many difficulties and discouragements were encountered by the concern in

its early efforts to break into the market, but substantial progress had been made when the outbreak of war in 1939 caused a new setback. The shortages and controls with which the industry was surrounded during the war years made it difficult to do more than keep the company in being, as Mr. McNicol was on service with the Royal Air Force. Direction of the firm's activities was taken over during the period by Mr. J. M. Allan, another director. The opening-up of overseas markets in 1945 provided new outlets for the company's perfumes, and the export trade is developing steadily with corresponding expansion in the home trade which the bonus quota system makes possible. The company's policy has been to aim at a good article attractively packed at a moderate price suited to middle-class trade. In the Dominion markets, a special feature has been made of Heath perfume, "the perfume to wear with Tweeds." A new perfume, White Satin, designed to compete with the more exclusive perfumes, has been introduced, attractively bottled and boxed, but still at a reasonable price, and the aim for the future is to build up a strong connection to help provide Scotland with a light industry.

Perfumes by Rex Ray Co., Aberdeen

Rex Ray perfumes are issued under a variety of attractive names, some of which, such as Basket of Flowers, Cinderella, Gay Gal, Lily of the Valley, and Scottish Highland Heather, are available on the home market in ½-oz. and 1-oz. sizes.

Other exhibitors include William Thyne, Ltd., Lochend Works, Edinburgh (cartons for a number of proprietary preparations), and Plynine Co., Ltd., 9 Quality Lane, Edinburgh (ammonia pack).

MISCELLANEOUS INQUIRIES

Formulas given below may have been prepared for overseas subscribers and the inclusion of substances therein is no indication that they are available in Britain or, if available, permitted for the purpose.

Tax on Government Surplus.—*A.J.C.*—The price of surplus stores at sales organised by Government departments may, or may not, include purchase tax. When the price includes tax a certificate to that effect should be obtained by the buyer at the time of the sale. When tax is not included this must be paid in the ordinary way.

Sale of Toilets on Stalls.—*S.L.*—There is no restriction on the sale of toilet preparation from market stalls, other than any restrictions that may apply to their sale in shops, provided that no claims are made for the toilet preparations that render them, in the eyes of the authorities, "substances recommended as medicine."

Hair Restorer.—*F.V.K.*—A sulphur and lead hair restorer may be made to the following formula.

Lead acetate	1½ dr.
Milk of sulphur	1 dr.
Glycerin substitute	2 dr.
Perfume	2 dr.
Water to	10 fl. oz.

Mix the powders intimately and rub up with the glycerin substitute, gradually add the water, and lastly the perfume.

Arc Eye.—*M.J.E.*—Relief for the condition known as arc eye is often provided by a bland eye lotion, such as a solution of sodium chloride isotonic with tears. The relief so obtained is only temporary, and it is essential that the cause of the trouble should be traced and rectified. Often arc eye is the result of faulty goggles or imperfect screening in the glass used in their manufacture. If necessary, the goggles should be exchanged for a pair manufactured according to scientific principles by one of the firms specialising in safety products for industrial workers.

Simple Hair Cream.—*C.C.*—Below are formulas of easily prepared hair creams:—

I.

White wax	10 parts
Neutral hydrocarbon oil	130 parts
Distilled water	15 parts
Borax	1 part

Melt the wax in fifty parts of hydrocarbon oil. Place in a mortar and stir in the remainder of the hydrocarbon oil. Add the distilled water, in which the borax has been dissolved, and stir the cream so formed until cold.

II

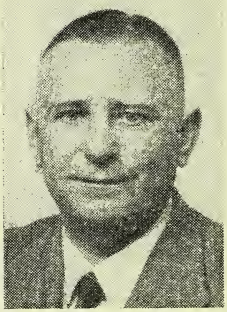
Neutral hydrocarbon oil	30 g.
Triethanolamine stearate	7 g.
Water	90 g.
Perfume	q.s.
Preservative	q.s.

Made-up Face Cloths.—*P.P.B.*—The manufacture of face cloths is entirely controlled and permitted only to licensed holders under the terms of their licences (S.R. & O., 1942, No. 1151). Any queries should be addressed to Department IM2A, Horseferry House, London, S.W.1.

HUNDRED YEARS AS CHEMISTS' VALUERS

FOR a lifelong friend to celebrate a birthday by becoming a near neighbour is surely a double occasion for rejoicing. Something of the sort happened recently when Orridge & Co., chemists' valuers, transferred their London office recently to 184 Strand, London, W.C.2, just round the corner from 28 Essex Street.

An advertisement by Messrs. Orridge appeared in volume I No. 1 of THE CHEMIST AND DRUGGIST—the issue dated September 15, 1859. In the advertisement were offered services that are available from the firm today, though in phrases that would seem stilted if they were to be included in a current issue of the paper, for the announcement was in the following terms:—



Left to right: The late Mr. Joseph Brown; Messrs. J. W. and L. V. Brown.

TO CHEMISTS AND DRUGGISTS.

MR. ORRIDGE, Transfer Agent, Referee and Chemists' Valuer, 30 Bucklersbury, Cheapside, may be consulted at the above address by Gentlemen who are about to RELINQUISH or to COMMENCE business, or who desire to obtain an opinion upon value, or who require an appraisement of stock and fixtures. Mr. ORRIDGE is well known to many of the Council of the Pharmaceutical Society, and to most of the leading wholesale houses. He has been concerned professionally for a large proportion of the chemists now in business (including partners in well-known firms) to whom he has the satisfaction of being permitted to refer. He trusts that the ample experience he has had, and the instrumentality of his extensive connection, will be found of considerable advantage to those by whom he is consulted.

Gentlemen who wish Mr. ORRIDGE to arrange conditions or value effects *impartially*, as *umpire between them*, are requested to attach their names jointly to the requisite instructions. Terms for attendance in any part of England may be obtained by confidentially transmitting name and address. In making a first inquiry upon any business, applicants will facilitate intercourse by sending a reference. Office hours 11 to 4 o'clock.

The Founder a Pharmacist

Mr. Benjamin Brogden Orridge, in claiming to be "well known to many of the Council of the Pharmaceutical Society" was making no exaggerated claim. A pharmacist himself, he was the proprietor of a pharmacy at Deptford, at which he held the Royal Appointment to Queen Victoria—in those days a handsomely engrossed document bearing the signature of the Lord Chamberlain. Besides being well known to the Council of the Pharmaceutical Society, Mr. Orridge was equally familiar to the Council of the City of London. In fact, he was next-but-one in the succession for Lord Mayor at the time of his death. In the City, however, he was known by virtue of the business as valuer which he established at 32 Ludgate Hill, in 1847. At his death the goodwill of Orridge's passed to his head clerk, Mr. Thomas Hawkins, a man of more than ordinary individuality, who "held views [*C. & D.*, 1899.II. 516] distinctly his own" and under whom the business continued to prosper. There was considerable discussion in these columns just prior to the turn of the century on the question whether or not technically qualified chemists and druggists should undergo business training before setting up on their own account — as more pharmacists did then, in proportion of the total number on the register than do today. Mr. Hawkins, who contributed to the discussion, considered that a young man, after passing his Minor, should endeavour to obtain a situation "in a business doing a mixed wholesale trade."

"In a situation of that sort," said Mr. Hawkins, "the wholesale training of the first year or two is of incalculable benefit to a young man, as it teaches him as a necessary part of his work the business habits which are so essential in retail pharmacy. After this preliminary assistancy, if he is desirous of

going into the higher branches, he ought to endeavour to get a situation in France. . . . After a year or two of such training a young man of ordinary abilities, provided he has the necessary capital and has obtained the proper qualifications, is fitted to go into business."

So far so good, but Mr. Hawkins had "distinctly his own" views on the Major qualification that would be decidedly unwelcome to the present Council of the Society, embarking on an ambitious educational policy which is to be "explained" to (but not discussed by) a meeting of Branch Representatives in September. Times have changed, and it is doubtful whether, in the face of the success of so many Ph.C.'s in recent years, Mr. Hawkins would have continued to hold the same opinion if he had been alive today. Certainly the present partners of Orridge & Co. believe the higher qualification no handicap.

"The major qualification," said Mr. Hawkins, "is of absolutely no value to a pharmacist from a business point of view. In many cases, in fact, it is a drawback, for while it suits the pharmacist for the higher walks in chemistry and pharmacy, in the majority of cases it tends to put him a peg above the everyday pharmacist and the necessary work which his business entails."

Some of the advice given by Mr. Hawkins to a young pharmacist entering business is valid still.

"First of all, he ought to make investigations on his own account, and find out whether the climatic conditions would suit him; whether the house is suitable for himself and his family; whether the class of business is according to his ideas; and then he should compare the stock and fixtures as he sees them with the price which is asked, and see if they adequately come up to the valuation as far as he can judge. . . . He should then examine the vendor's books and find out whether his statements as to takings, profits, and business done are correct or not; and the best and surest way in which to do this is to find out what the man buys. This can be easily done by looking over the invoices and vouchers which have been given for goods for two or three years before. If the vouchers show that a man has bought a certain quantity of patent medicines or drugs during that time and paid for them, a certain amount of business has been done."

Prophecies

On "the store question," however, it may be considered that his prophecies were a little wide of the mark.

"I think that we have touched bottom as far as harm by the stores is concerned. They have done their utmost, and the name of 'stores' has now been adopted so generally that the public see through the thing and take no notice of it. But I consider that the centralisation of business which the store-system has instituted has done, and is doing, great harm to the drug-trade."

In 1894 the late Mr. Joseph Brown became a business associate of Mr. Hawkins, from whom he took over the connection in 1906. Two years later Mr. Brown was joined by his elder son, Mr. J. W. Brown. Mr. Brown, sen. died in 1927 after thirty-four years in the business, twenty-two of them as principal. At his death, Mr. J. W. Brown was joined by his brother, Mr. L. V. Brown, and the business became an equal partnership. At that date the staff at the office in Ludgate Hill was comparatively small. Today both staff and turnover are ten times as great. Proof of its ability to survive shocks was given in 1941 when a German bomb destroyed the Ludgate Hill office upon a Sunday morning, but a new office was opened and operating at Aldwych on the Monday morning. At Aldwych the office remained throughout the war and until the move to Strand was made a few weeks ago.

Policy of Independence

The policy of the firm is — as it has always been — one of independence from any ties to other organisations or firms. Over 3,000 chemists' instructions annually are dealt with, and there are important branch offices at Birmingham and Southampton. New developments have maintained and extended the interests of the firm, an example being an employment agency, which handles hundreds of applications in the course of a year. Fire assessing has become an important adjunct, but the most of the work continues to be in selling or assessing the value of businesses for pharmacists. It is worth noting, as indicating the completeness of the firm's services in this field, that Messrs. Orridge hold a Home Office licence for conducting sales of Dangerous Drugs. Messrs. J. W. and L. V. Brown, who remain in active control, are not in any anxiety that the proprietor pharmacists will disappear, either under competition from the multiples or under the impact of a National Health Service. On the contrary, they express every confidence in the future of the "private man," with which their own is linked. Confidentially, they even suggested to the writer of this article a good opening in a town where every one of several chemists' shops in the main thoroughfare is in the hands of a limited company.

An association between a newspaper and its oldest continuous advertiser is naturally most cordial. The second century of the "symbiosis" between the *C. & D.* and Messrs. Orridge has opened under the most happy auguries.

JOHN BELL'S
TONIC-PHOSPHATES

THE PROVED TONIC WITH THE PLEASANT TASTE

You can confidently recommend John Bell's Tonic Phosphates for restoring jaded appetite, and for dispelling depression and lassitude.

Attractive Display Material on request,

Sizes	New Retail Prices (including Pur. Tax)
4 ozs.	3/-
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16 ozs.	8/8

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OWNERS OF THE FINEST CORK FORESTS IN PORTUGAL

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THE WONDER WOOL
★ *Cleans as it Polishes*
THE MODERN METHOD OF CLEANING
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Containers of Metal Glass, Aluminium and Plastic
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First quality, impregnated with high percentage of D.D.T./Geigy. Retail 4½d. each and saleable by Pharmacists only. 30/7 Gross, cash with order.
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INFORMATION WANTED

The Editor would appreciate information about suppliers of the following items:

A.C.10, an oil for sterilising instruments.

THE
CHEMIST AND DRUGGIST
ESTABLISHED 1859
for RETAILER—WHOLESALER—MANUFACTURER
Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, British Empire, and foreign countries
Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.
VOL. CXLVIII AUGUST 30, 1947 NO. 3523

Health Picture for 1945

It is understood that publication of the Registrar - General's annual statistical reviews, which was delayed during the war, is now being brought up to date as rapidly as possible. Although the reviews for 1943 and 1944 have not yet appeared, it has been decided to give priority to more recent material. The volume for 1945 has therefore been released this week.

As an indication of the general state of health of the nation, the comparative mortality index of 0.893 shown in the review reveals 1945 as the healthiest year in England and Wales since records have been kept. Although the infant mortality rate has risen by 0.56 per thousand since 1944 to 46.00, the general improvement seen during the war-years has been maintained. Neonatal mortality has fallen since 1939 from 28.3 to 24.8, and maternal mortality has continued to diminish, reaching 1.52 per thousand total births in 1944 and 1.47 per thousand total births in 1945.

The effect of the immunisation campaign against diphtheria is reflected in the new low level of children's deaths of 67 per million. In total, only 694 deaths were attributed to diphtheria during the year. The children's death rate for scarlet fever of seven per million is also a new low record, while the rate for whooping cough has only once been bettered. The measles death rate of 80 per million in children under fifteen years of age, though high compared with the record 1944 rate, is still below the pre-war average.

Including deaths from Service personnel, only 20,013 tuberculosis deaths were registered in England and Wales, against 23,660 in 1940 and 21,342 in 1943—figures that contrast favourably with the trend at the end of the 1914-18 war.

Civilian dysentery notifications increased steadily through the war until 14,708 were notified in 1945, but deaths during 1945 from that cause numbered only 156, against 326 in 1941. Deaths from cancer in 1945 were the lowest since 1924. The decrease was among the female population, and it was unfortunately offset by a progressive increase in the mortality index (1.001 in 1936 to 1.025 in 1945) among males. Mortality due to lung cancer continues to increase.

A comparable report for Scotland is shortly to be published.

Colour Problems in South Africa

A South African scheme for training non-Europeans as chemists and druggists, initiated by the South African Institute of Race Relations, is in danger of failure because European chemists and druggists in Johannesburg have declined to take them on as apprentices. The Institute proposed to inaugurate a national scheme of training, and Johannesburg was used as a testing ground.

"We sent letters to forty-three chemists in the city, asking whether they would be prepared to take non-Europeans as apprentices from the beginning of next year," said an official of the Institute. "The replies have been disappointing. Not one agreed, although several were sympathetic." Chemists have pointed out that customers might object to being served by non-Europeans, and in an attempt to overcome this difficulty the Institute is now approaching chemists whose business is mainly with the non-European population, in the hope that at least twelve—the minimum number required before a course can be started at the Witwatersrand Technical College—will volunteer. The official admitted that it would be difficult. Two years ago a member of the Institute's executive committee, himself a chemist and druggist in Pretoria, was approached by a coloured African who wished to become a pharma-

cist. Inquiries were made, and it was found that there might be some difficulty about the theoretical part of the training. The member approached the Pretoria Technical College, and was advised that, if a minimum enrolment was forthcoming, separate classes in pharmacy for non-Europeans would be considered. The Institute took the matter up with the Pharmacy Board, and found there were no regulations barring non-Europeans from becoming apprentices, but that the difficulty had been that no courses had been provided by technical colleges.

Record Exports and Imports

THE two outstanding features of the record trading returns (in values if not in volume) for July, issued by the Board of Trade (H.M. Stationery Office, 4s. 6d.), are a further substantial expansion in the value of exports of all classes of merchandise, and an even greater increase in the total value of imports. The result, an entirely unsatisfactory one, is that on the month's working there is a deficit balance on our international trading account of £69 millions, which represents an "overdraft" of about 30s. for one month per head of the population. The July aggregates were as follows:—Exports, £110.26 millions; imports, £179.24 millions, which means Britain paid, in exports, 7s. 1d. for every 12s. 11d. worth of imports.

The exports of products of the "Chemicals" group continue to increase in value and this group, with total shipments for July valued at £7.17 millions, was the third highest of all classes of manufactured goods. For the period January-July, shipments reached £38.13 millions, against £12.9 millions in the corresponding period of 1938. Imports of "Chemicals" in July totalled £2.44 millions and for January-July, £13.8 millions, against £1.35 millions and £10 millions in July and January-July 1946, respectively. The credit balance of the "Chemicals" group for the first seven months of this year amounts to £28.1 millions, compared with £5 millions in the corresponding period of 1938.

The following are values of exports of the main sections of the "Chemicals" group, for July and January-July, respectively: Disinfectants, insecticides, cattle dressings, etc., £294,484 and £1,792,420; glycerin, £7,630 and £71,916; quinine and its salts, £44,800 and £151,794; proprietary medicines, £643,660 and £3,121,370. The leading overseas purchasers of these packed products were British India £236,278 and £876,588; British Malaya, £53,200 and £247,200 and Australia, £35,460 and £181,939. Shipments of aspirin during July amounted to £70,190 and £294,560 for the seven months. Exports of penicillin totalled 124,770 mega units valued at £84,589 and for the seven months the totals were 750,922 mega units valued at £530,671. During July 150 tons of ointments and liniments valued at £54,266 were shipped to overseas markets with the seven-months' total 850 tons valued £292,610. The value of drugs, medicines and medicinal preparations exported in July was £1,584,161 with the seven-months total £8,313,821. Some of the chief destinations of shipments of all products of the "Chemicals" group are given in the following table:—

Destination	July £'000	Jan.-July £'000
India	1,225	5,637
Australia	325	1,956
Eire	290	1,452
Union of South Africa	240	1,746
Sweden	219	1,214
British Malaya	189	1,257
Ceylon	190	662
British West Africa	169	813
Canada	123	776
Palestine	122	583
New Zealand	116	635
Denmark	107	797
Holland	151	1,161
Belgium	150	1,131
France	129	714
Spain	356	814
U.S.A.	516	1,696
Egypt	163	937

Exports of essential oils (other than turpentine) during July reached a total value of £54,030 with a seven-months' aggregate of £158,689. Shipments of toilet soap were valued at £62,645 in July.

A NEW NORWICH PHARMACY

General view of the shop, showing toilet display counter, display stand for baby needs, and display counter for sickroom requisites, with wall shelves and showcases behind. Above each section of the wall fixtures is a neatly lettered panel indicating the range of articles stocked in the pharmacy.

A PHARMACY opened in London Street, Norwich, recently, by Mr. Claude O. M. Benton, M.P.S., presents a thoroughly modern appearance and incorporates a number of noteworthy features. In plan, the shop may be regarded as a wide corridor leading to the dispensing department. The customer is encouraged to proceed into the shop by windows set at an angle with the street, forming, with the shop door, a shallow funnel. The main drug counter extends along the whole of the right-hand side of the shop. Its fore portion is taken up with trays in the current "store" style, below which the counter is narrowed in two stages so that the customer may stand in complete comfort in contact with the counter yet without kicking the base. Behind the trays are raised displays of bottled preparations, while shelves and glass-fronted cases line the wall. On the customer's left as he proceeds to the dispensing department are, first, a glass-topped, half-glass-fronted toilet counter; second, a round-ended projecting wooden display stand for preparations for babies; and third, a glass-topped counter for surgical goods and sundries. The dispensary is surmounted by a clock and semicircular leaded-glass window.

View over toilet counter, showing part of wooden-fronted drug counter and showcase-fronted dispensing department, with clock set in semicircular leaded-glass window above.

BRANCH REPRESENTATIVES' MEETING

THE agenda for the meeting of Branch Representatives of the Pharmaceutical Society, to be held at the Co-operative Hall, Union Street, Torquay, on September 17 (during the meetings of the British Pharmaceutical Conference) has been drawn up. The time-table is as follows:—

9.30 a.m. to 12.15 p.m.

REPORT ON REVISION OF CONSTITUTION.

REPORT ON PROPOSED BY-LAW (Prohibiting canvassing and limiting propaganda by Council candidates).

REPORT ON TIME OF HOLDING ANNUAL MEETING.

Discussion to be opened by the Society's president (Mrs. J. K. Irvine, M.B.E.).

2.30 to 5 p.m.

Continuation of morning's discussion, if necessary.

Explanation by chairman of Education Committee (Mr. C. W. Maplethorpe) of CHANGES IN THE EDUCATION REGULATIONS.

MOTIONS FROM BRANCHES, including the following which had been received at the time of publication of the agenda.

DARTFORD AND DISTRICT BRANCH: That it is the opinion of this Conference that the Council of the Society should instruct the editor of the "Journal" that very much more space be allotted to: (*a*) Letters from members; (*b*) reports of Branch meetings, with special emphasis on all discussions and criticisms.

DURHAM COUNTY BRANCH: That it is the opinion of this Conference that the interest of the student and the profession requires a minimum of two years' apprenticeship before the commencement of final academic training. That this Conference deplores the adoption of the new education policy without its having first been studied and discussed in the local Branches.

HARROW AND DISTRICT BRANCH: That it is the opinion of this Conference that henceforth the Branch Representatives' meeting should be separated from the British Pharmaceutical Conference and should be held at a convenient time and at a centrally situated place, easily accessible to the majority of the delegates.

LEEDS AND DISTRICT BRANCH: That it is the opinion of this Conference that, in view of the greatly increased cost of maintaining normal Branch work, the *per capita* grant should be increased to 4s. That it is the opinion of this Conference that no alteration or amendment to the Society's by-laws should be made except with the approval of a Branch Representatives' meeting by a two-thirds majority.

THAMES VALLEY BRANCH: That it is the opinion of this Conference that

(*a*) An annual establishment payment should be made to the contractor in respect of each pharmacy engaged in the national health service;

(*b*) Payment for the supply and dispensing of drugs and appliances should be separate from the annual establishment payment and be negotiated on commercial lines;

(*c*) The Society should do more to make known to members what they should do under the Act, and the Council should press for a high priority for drugs and medicines in the event of further crises.

EAST KENT BRANCH: That it is the opinion of this Conference that foreign pharmacists who are accepted in accordance with the by-laws for registration as pharmacists should only be accepted on the basis of the reciprocal recognition of qualification. That it is the opinion of this Conference that some form of territorial representation be adopted in the election of Council members. That it is the opinion of this Conference that the Council should not proceed with the proposed by-law regarding canvassing by candidates for election to the Council.

Revision Proposals

The Council of the Pharmaceutical Society has prepared, for presentation to the meeting, a series of reports, as indicated in the agenda above. In the first, dealing with revision of the constitution, a number of tentative amendments are put forward, although the Council recognises "that a number of the proposed changes could be effected only by statute, and that the present Government's legislative programme might not enable the changes to be submitted for some considerable time." The substance of the report has been previously given (*C. & D.*, April 19, p. 437).

Canvassing by Council Candidates

In the report on canvassing and propaganda by Council candidates is included the following suggested by-law:—

"A candidate shall not canvass for votes or request any person or organisation to do so on his behalf. Where a majority of the

members of the Council present at any meeting is satisfied that a candidate has done either of the above acts he shall be disqualified for election or his election shall be null and void. The Council shall provide reasonable facilities annually for the publication in the "Pharmaceutical Journal" of a statement of policy by each candidate and for the circulation with the voting papers of biographical details of each candidate."

The report points out that the by-law deals only with action by a candidate himself; it is not considered necessary to provide against other individuals or organisations likely to act on a candidate's behalf. The support of a branch for a particular candidate should be indicated only by a statement in the candidate's biographical details and by a short letter to that effect to the pharmaceutical Press.

Time of Annual Meeting

In a third report, dealing with the time of holding the annual meeting of the Society, the traditional arrangement, says the report, is for the meeting to be held at 12 noon. It is not possible, until the Charter can be revised, to separate the Council election from the annual meeting, and the report suggests the following alternative arrangements:

(1) To commence the meeting in the afternoon. More members living in or near London would be able to attend, but the meeting would have to be adjourned until the evening of the following day for the counting of votes. There was no significant improvement in attendance when, while Council elections were suspended during the war, the meeting was held in the afternoon.

(2) To hold the meeting in the evening. It would be difficult for members travelling some distance to return the same day.

(3) To meet at 12 noon only to appoint scrutineers and then adjourn until not earlier than 8 p.m. (to allow time for the votes to be counted).

The texts of the interim and final reports on pharmaceutical education and the Society's examinations (see *C. & D.*, March 8, p. 254, and April 12, p. 407) will be among papers available to representatives present at the meeting.

British Pharmaceutical Conference

It is announced that the symposium session on "New Emulgents and Ointment Bases" of the forthcoming British Pharmaceutical Conference (see *C. & D.*, August 16, p. 203) is to be opened by Messrs. A. W. Bull and J. W. Hadgraft.

NEW BOOKS

The Intelligent Use of the Microscope.—C. W. Olliver. 8½ in. x 5¼ in. Pp. 182. 12s. 6d. Chapman & Hall, Ltd., 37 Essex Street, London, W.C.2. The author explains for non-specialist workers the principles and construction of the microscope. About a quarter of the book is devoted to optical theory, which is explained with the liberal aid of diagrams. For many workers, the chapter on "Selecting the Right Equipment" may prove to be of greatest practical value. Hints on purchasing second-hand and new instruments are given, and these include a list of some dozen simple evaluating tests. A chapter on microscopical measurement and counting, and the estimation of weights, will be of particular use to workers in the pharmaceutical field. The use of cheap box-cameras in photo-micrography is described. The author has limited the subject-matter to the microscope and its attachments, and has avoided discussions on staining or mounting preparations. He covers the narrower field adequately, but the text could be more compact.

British Journal Photographic Almanac, 1947.—7¼ in. x 4½ in. Pp. 444. Cloth, 5s., paper, 3s. 6d. Henry Greenwood and Co., Ltd., 24 Wellington Street, London, W.C.2. As a "photographer's daily companion," the title of the publication that it has long absorbed, the B.J. "Almanac" is sure of a life far longer than is suggested by the date. The current volume has the usual excellently reproduced photogravure plates, the usual complement of formulas, tables and miscellaneous technical and legal information. The special articles, always a feature of the Almanac, cover a wide field from "The Camera in Ireland" and "Photographic Old Masters" to "Emulsion Sensitivity." Of particular interest to pharmaceutical readers will be the authoritative article on "Medical Photography," by a medical man who is also an Associate of the Royal Photographic Society. The subject is fully dealt with in a way that should prove most helpful to any pharmacist who has amongst his customers one of the growing number of doctors who use a camera in their professional work.

CHEMICAL CONGRESS LECTURES

Abstracts of papers presented before sections of the eleventh Congress of Pure and Applied Chemistry held in London recently

Palestinian Orange Oil.—J. J. Nicholls.—This oil is prepared by a modification of the Scorzetta method from the peel of *Citrus Aurantium sinensis* (Valencia type) grown in Palestine and has similar characters to those of Rhodesian orange oil; its constants were given.

Ageing of Essential Oils.—Hugo J. Strausz. — Many essential oils alter on storage; some improve in odour, while others deterioriate. The factors which influence these changes were reviewed and the mechanisms of the changes discussed with particular reference to lemon and orange oils. The use of stabilisers for natural and synthetic aldehydes was described.

Solubility Test for Citronella Oil.—C. T. Bennett.—Criticisms of the London solubility test for citronella oil have been made recently. There has been controversy over "Schimmel's test." By reducing the proportion of 80 per cent. alcohol many adulterated oils are rejected. Ceylon citronella oil then falls into two classes: (a) pure oil with a high geraniol content and (b) commercial oil of inferior quality.

The "H" Factor.—El Shahat.—A new fat-soluble lactation-promoting ("H") factor was isolated from the unsaponifiable matter of fenugreek oil after being freed from phospholipids and sterols by partition, chromatography, and p-nitrobenzoylation. The factor promoted lactation in 345 out of 350 cases of human lactation deficiency at a dose equivalent to $\frac{1}{8}$ mm. orally. The volume of milk increased in 158 cases at different stages of lactation by 160-900 per cent., the larger increase being at the earlier stages of lactation.

Blood Group Substances. — W. T. J. Morgan.—Only material obtained from persons found to possess the appropriate immunological characters should be included in a "pool" from which blood group substance is to be isolated. The difficulty of obtaining sufficient material, immunologically homogeneous for selected characters, can be largely overcome by the use of pseudo-mucinous ovarian cyst fluids obtained from women who secrete their blood group factors in a water-soluble form. The group substance can usually be isolated by treating the diluted cyst fluid with trichloracetic acid at 0°. The active material can be recovered by dialysis, concentration and freeze-drying.

Galactopoietic Action of Anterior Pituitary Extracts in Milking Cows.—S. J. Folley and F. G. Young.—In the cow in declining lactation crude anterior-pituitary extracts have a greater galactopoietic effect, for a given prolactin unitage as measured by the pigeon crop-gland test, than purified prolactin, and there is little correlation between the prolactin content and the galactopoietic activity of different pituitary extracts. The galactopoietic action of the extracts is due to a number of anterior-lobe hormones, two members of which are probably prolactin and adrenocorticotrophin. Investigation of the galactopoietic responses of lactating cows to crude extracts of ox anterior-pituitary tissue indicates that a substantial, though temporary increase in milk yield can be obtained by injection of 10 mils extract, equivalent to 2.5gm. fresh gland, on every second day for a period of three weeks.

Synthetic Œstrogens Related to Triphenylethylene.—W. Tadros.—It has been shown that triphenylethylene possesses œstrogenic activity. A considerable increase in activity is acquired on replacing the ethylenic hydrogen atom by chlorine, bromine or iodine. On the other hand the introduction of halogen atoms in the para position of the benzene nuclei is not associated with increase in potency. On the contrary, the presence of a halogen atom in the para position in two of the benzene nuclei results in potency loss. A considerable increase in potency has been observed on the introduction of methoxyl and ethoxyl groups in the para position of the benzene nuclei. With the exception of triphenylethylene derivatives with free or esterified hydroxyl groups, and provided that a dose well above the threshold is administered, the active triphenylethylene derivatives possess prolonged action. *aa*-Di-(p-hydroxyphenyl)-β-phenylbromethylene has been found to possess, when administered by subcutaneous injection, a relatively high potency, but the duration time, like that of diethylstilbœstrol, is not appreciably increased with increased dosage. When administered by subcutaneous injection its diacetate ester has a more prolonged action.

GUIDE TO NEW MEDICAMENTS

Information—in a form convenient for mounting on record cards for permanent card-index systems—about new proprietary medicaments supplied principally on a prescription. Their mention in these columns does not imply Editorial recommendation. A limited number of reprints will be made available to subscribers on application.

PENEUCIN

MANUFACTURER: Herts Pharmaceuticals, Ltd., Welwyn Garden City, Herts.

DESCRIPTION AND FORMULA: Penicillin ointment, B.P., made with Eucerin brand of ointment of wool alcohols.

INDICATIONS: Treatment of staphylococcal and streptococcal infections of the skin.

HOW SUPPLIED: Tubes of 30 gm.

MEJENEL

MANUFACTURER: Mejenel, Ltd., 17 Charing Cross Road, London, W.C.2—Distributors: Thos. Christy & Co., Ltd., Farnham, Surrey.

DESCRIPTION: A dressing consisting of a layer of cataplasma kaolini placed between gauze and lint. The dressing is issued in rolls protected with wax paper, and packed in a tin.

USE: A convenient form for applying cataplasma kaolini.

HOW SUPPLIED: Areas 4 in. x 20 in., 8 in. x 20 in., or larger to special order.

NOTES: For use, the required size of dressing is heated on a plate etc. placed over a vessel of boiling water, and applied directly to the affected area.

DERMOGESIC OINTMENT

MANUFACTURER: Sharp & Dohme, Ltd., Hoddesdon, Herts.

DESCRIPTION AND FORMULA: An ointment containing:

Calamine	8.00
Benzocaine	3.00
Hexylated metacresol	0.05
Vanishing cream to	100.00

INDICATIONS: Skin irritations and inflammations including conditions arising from sensitivity to food or medicaments.

HOW SUPPLIED: 1 oz. collapsible tubes.

PLACADOL

MANUFACTURER: Ward, Blenkinsop & Co., Ltd., 6 Henrietta Place, London, W.1.

DESCRIPTION AND FORMULA: Tablets and 2 c.c. ampoules containing:

Perparine hydrochloride (see below)	40 mgm.
Homatropine methylbromide	1.5 mgm.

INDICATIONS: Inhibits hypertonicity of plain muscle, and may be used in spastic conditions generally, including gastro-intestinal spasm, nervous vomiting, cholicystitis, bronchial asthma, and in menstrual irregularities of reflex origin.

DOSE: One or two tablets three times a day, or 2-4 c.c. per day of the injection solution subcutaneously, intramuscularly, or intravenously.

HOW SUPPLIED: Containers of 25 and 100 tablets, and boxes of 5 2-c.c. ampoules.

NOTES: The manufacturer of the preparation states that Perparine is a synthetic derivative of papaverine in which the four methoxy groups are replaced by four ethoxy groups.

PLACADOL SED. is a preparation made in tablets and ampoules, containing Perparine hydrochloride, 40 mgm.; homatropine methylbromide, 1.5 mgm.; and codeine phosphate, 10 mgm.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex Street, W.C.2, August 27

THE decision to suspend temporarily the convertibility of sterling into dollars has had the effect of retarding the rate of inquiry for PHARMACEUTICAL and FINE CHEMICALS in some export markets; at present it is not possible to forecast the long-term outcome of this measure but an optimistic view is prevailing, meanwhile the demand continues very high from Commonwealth countries and other countries within the sterling "club." The only important price movement has been a rise in the rates for BARIUM SULPHATE of one penny per lb., with effect from August 25. COAL-TAR DERIVATIVES continue very firm with supplies difficult.

Crude Drugs

The London market for CRUDE DRUGS was fairly steady during the early part of the past week, apart from commodities from "hard"-currency areas which remained firm. There was some speculation as to the future position of "non-essential" commodities and holders of these were in no hurry to sell. A report from Brazil that purchases of sterling by the Bank of Brazil were to be suspended was responsible for many inquiries for MENTHOL and prices hardened to some extent. Quite a small trade has been done in TOLU BALSAM following a renewal of inquiry for this item. CANADA BALSAM is a firmer market, and a similar tendency is showing in CASCARA SAGRADA. There has been some inquiry for DIGITALIS but little business done. Rather higher prices are asked for GUAIACUM RESIN. IPECACUANHA is a firm market and shipment quotations for both Nicaraguan and Colombian root are rising. LOBELIA is scarce and holders are difficult to find. There are large stocks of RHUBARB on the spot and holders show willingness to shade their prices; far too high a proportion of recent arrivals of root from China have been very wormy. SENEGA is very firm with shipment offers hard to come by. BEESWAX supplies on the spot are rather low and prices are higher. CARNAUBA WAX, prime yellow, is firmer.

Essential and Expressed Oils

A routine demand has been seen for ESSENTIAL OILS during the last week and the market is fairly steady. ANISEED OIL has received a good inquiry and a fair trade has been passing. CLOVE OIL has also been in demand at previously quoted values. LAVANDIN is weaker forward. LAVENDER, French, is selling at lower prices and the forward market is tending easier. ROSEMARY, Spanish, is quoted lower on the spot.

U.S. Drug and Chemical Report

New York, August 22

MAJOR producers of ALKALIS are expected to increase their prices as a result of higher costs of labour, coal and freight. Supplies of SODA ASH and CAUSTIC SODA are very short. Production of COAL-TAR CHEMICALS still lags far behind demand of consumers in spite of the fact that most plants are working to capacity. There is a good demand for GLYCERIN and the supply-demand ratio has improved to such an extent that it seems probable that the U.S. Department of Commerce will be more generous as far as third-quarter export allocations are concerned. The department was particularly stringent with export permits during the first half of this year. Factory and warehouse stocks of crude glycerin increased by more than 450,000 lb. in June, although output declined by more than 1,300,000 lb. Supplies of DDT are stated to be slightly in excess of demand, present production amounting to about 50,000,000 lb. annually.

The CRUDE DRUGS market has been generally quiet, the only outstanding event being a sharp advance in the price for AGAR which is becoming increasingly scarce. No new material is expected before the spring of 1948. Price increases in BENZOIN, Sumatra, are expected. Demand for some ESSENTIAL OILS has been increasing. Inventories of perfume and soap manufacturers are low, and the industries have commenced preparations for an increased trade volume in the autumn and winter.

Pharmaceutical Chemicals

BARBITONE.—Quotations are from 42s. 6d. to 45s. 6d. per lb., according to quantity. SOLUBLE is available at the same prices.

BARIUM SULPHATE, B.P. (*x*-ray).—Makers have advanced prices as from August 25. New rates per lb. (containers in brackets), for quantities between 28 lb. and 1 cwt., are as follows: 1s. 8d. (1-lb.), 1s. 7d. (2-lb.), 1s. 6½d. (4-lb.), 1s. 5½d. (7-lb.), 1s. 5d. (14-lb.), 1s. 4d. (28-lb.).

BISMUTH SALTS.—Makers' quotation for CARBONATE in 1-cwt. lots is at 14s. per lb. Schedule rates for smaller quantities are from 15s. 8½d. per lb. upwards. CITRATE is 2d., SALICYLATE 1s. 4d., and SUBNITRATE 2s. 7d. per lb. below the above prices; SUBGALLATE is 2s. more than the carbonate.

CAFFEINE.—In short supply. Makers' prices per lb. are as follows: ALKALOID, anhydrous, from 41s. 6d. to 45s. 6d. and B.P., from 39s. 6d. to 43s. 6d., according to quantity; CITRATE, from 24s. 6d. to 28s. 6d.; SODIUM BENZOATE, from 24s. to 28s.; SODIUM SALICYLATE, from 24s. 9d. to 28s. 9d.; SODIUM IODIDE, from 29s. to 32s.

CALAMINE.—B.P.C. quality is quoted at 2s. 2d. per lb. for quantities of 1 cwt.

CALCIFEROL.—Quotations are at from 11s. to 12s. per gm., according to quantity.

CALCIUM GLUCONATE.—In short supply. Quotations are at from 3s. 3d. per lb.

CARBROMAL.—Importers' quotations are at from 32s. 6d. to 35s. per lb., as to quantity.

DIGITOXIN.—Current quotations are in the region of 170s. per gm.

EMETINE.—Makers' prices per oz. are as follows: HYDROCHLORIDE, 1 oz., 207s.; 4, oz., 200s.; 16 oz., 197s. 6d.; 32 oz., 195s. BISMUTH IODIDE, 1 oz., 103s. 6d.; 4 oz., 102s.; 16 oz., 100s. 6d.; 32 oz., 99s.

EPHEDRINE.—Quotations for the ALKALOID are at from 9s. to 12s. per oz., as to quantity. HYDROCHLORIDE is quoted at from 6s. to 9s. per oz. Supplies are limited.

HYDROQUINONE.—Current prices per lb. are 9s. (less 2½ per cent.) for 28-lb. lots and 8s. 9d. (net) for 1-cwt. lots; other quantities in proportion. Packages free. Contracts: Minimum 5 cwt. over twelve months.

ISOPROPYL ALCOHOL.—B.P.C. quality is quoted at 13s. 9d. per gall.

LACTATES.—Makers' quotations per lb. are as follows: CALCIUM, 2s. 3d. to 2s. 9d.; CALCIUM SODIUM, 3s 3d. to 3s. 9d.; LACTIC ACID, 3s. to 3s. 3d.

LACTOSE.—Quotations are from £120 per ton upwards, according to quantity.

METOL.—Current prices (net) per lb. are 17s. 6d. for 28-lb. lots and 16s. 6d. for 1-cwt. lots; other quantities in proportion. Packages free. Contracts: Minimum 5 cwt. over twelve months.

PHENACETIN.—In limited supply. Small quantities would be worth 4s. 6d. per lb.

PHENAZONE.—In short supply. Quotations are at from 25s. to 30s. per lb., as to quantity.

PHENOBARBITONE. — Quotations for the acid and the SOLUBLE salt are from 36s. to 39s. per lb., as to quantity.

PHENOLPHTHALEIN.—Current rates per lb. are: 1 cwt., 5s. 4d.; 28 lb., 5s. 6d.; 14 lb., 5s. 9d.; 7 lb., 6s.

ROCHELLE SALTS. — Recently reduced rates per cwt. are as follows: 1-cwt., 182s. 6d.; 5-cwt., 180s. SEIDLITZ POWDER, ordinary strength is quoted at 141s. 3d. for 1-cwt. and 139s. 3d. for 5-cwt.; extra strong, 1-cwt., 152s. 6d., 5-cwt., 150s. 6d.; double strength, 1-cwt., 159s., 5-cwt., 157s.

STILBŒSTROL.—Quotations are at from 2s. 3d. to 2s. 6d. per gm. STILBŒSTROL DIPROPRIONATE is available at the same prices.

TANNIC ACID.—In very short supply, B.P. levis, ex ether, from 10s. 6d. per lb., according to quantity.

VANILLIN.—Current rates are: 5 cwt., 22s. per lb.; 1 cwt., 2s. 3d.; 56 lb., 22s. 6d.; smaller quantities, 22s. 9d. per lb. Demand is greatly in excess of supplies.

Crude Drugs

ALOES.—Cape, is quoted at 180s. to 185s. per cwt., spot, packed in boxes; shipment is at 155s., c.i.f. Curaçao, in boxes, is quoted at 235s., spot; forward, 215s. to 220s., c.i.f. Socotrine is quoted at 156s. to 190s. per cwt., according to quality.

ANISE (STAR).—Supplies on the spot are offered at 130s. per cwt.; forward, 95s. c.i.f.

ANTIMONY.—Current rates are as follows: 99.6 per cent. regulus, £190 per ton, delivered; 99 per cent., £180; 70 per cent. crude, £150.

ARECA NUTS.—Quiet. Ceylon is offered at 65s. to 67s. 6d. per cwt.

ASAFETIDA.—Spot supplies of block are quoted at £25 to £28 per cwt., according to quality and seller.

BALSAMS.—*Canada*, on the spot, is rather firm at 16s. 6d. per lb. Pará *Copaiba*, spot, is quoted at 8s. per lb. for soluble and 7s. 3d. per lb. for insoluble. *Peru*, San Salvador, is available at 7s. 3d. per lb., duty paid. A small trade has been passing in *Tolu* at 18s. per lb.

BAY LEAVES. — Spot. Leaves without stems, 90s. to 100s. per cwt., duty paid, quoted.

BELLADONNA.—Spot. Root with a test of 0.515 per cent. is offered at 6s. per lb.; English herb (cut) is available at 6s.

BENZOIN.—Sumatra, in fair supply, is available on the spot at from £17 10s. to £22 per cwt., according to quality.

BISMUTH.—Current price for high-grade metal is 10s. per lb., in 5-cwt. parcels.

BUCHU.—New-crop short rounds, steady on the spot at 4s. 3d. per lb.; shipment, 4s., c.i.f. Old-crop rounds, f.a.q., is available at 3s. 11d. per lb., spot.

CALABAR BEANS.—Quotations are at 10½d. per lb., ex warehouse, Liverpool.

CAMPHOR. — Steady. Chinese tablets (¼-oz.), quoted at 11s. 3d. to 11s. 6d. per lb., spot; refined powder (B.P.), 11s.; Formosa (B.B.), 10s. 3d.; 2½-lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid. Chinese crude, 93-95 per cent., 7s. per lb.

CANTHARIDES.—Chinese, on the spot, is quoted at 15s. per lb.; forward, 9s., c.i.f.

CAPSICUMS.—East African, spot, steady at 120s. to 140s. per cwt., according to quality.

CARDAMOMS. — Quiet, with prices unchanged. Mangalore, half-bleached, A's, are quoted at 8s. 9d. per lb.; B's, 8s. 3d. per lb.; seeds, 7s. 9d. per lb., spot. Aleppy seeds, No. 1, offered at 8s. per lb.; Aleppy greens, 7s. per lb., spot.

CASCARA SAGRADA.—Spot quotations for 1946 peel are from 245s. to 260s. per cwt., duty paid. American new-crop is quoted at 215s. per cwt., duty paid.

CASCARILLA. — Quiet with prices unchanged. Quills are at 1s. 10d. and siftings at 1s. 6d. per lb., spot.

CASSIA PODS (*C. fistula*).—East Indian, quoted at 75s. to 80s. per cwt., ex wharf.

CHAMOMILES.—Belgian old-crop flowers are offered at 7s. 6d. to 9s. 6d. per lb., spot. Reports from the Continent indicate that very poor crops are expected.

CHAULMOOGRA.—*Hydnocarpus*, in tins in cases, is quoted at 1s. 11d. per lb., spot.

CHILLIES.—Quiet. Mombasa, quoted at 160s. per cwt., spot; Nigerian, 135s., spot; Japanese-type, 190s. to 200s.

CINNAMON.—The market continues easy and prices are again lower. Quillings are now quoted at 2s. 2d. to 2s. 4d. per lb., spot; featherings, 1s. 7d. to 1s. 10d.; chips, 1s. 1d. to 1s. 3d., according to quality.

CLOVES.—Zanzibar, quoted at 9¾d. per lb., spot. Penang, offered at 3s. to 3s. 6d.

COCHINEAL.—Silver greys, quoted at 4s. 3d. to 4s. 6d. per lb., spot; blacks, 5s. 6d.

COCOA BUTTER. — Maximum controlled price is 2s. 11d. per lb., delivered.

COD-LIVER OIL.—British-produced oil of B.P. quality is quoted from 12s. to 13s. per gall., delivered in the United Kingdom.

COLOCYNTH.—Quiet. Spot, fine-white is offered at 2s. and medium-white quoted at about 1s. 10½d. per lb.

DIGITALIS. — Portuguese is in fair inquiry; quotations are at 130s. per cwt., spot; English-grown is quoted in the region of 2s. 6d. per lb.

DRAGONS BLOOD.—Singapore reboiled No. 1 is at £80 to £85 per cwt., spot; second-grade material is available at £65.

ERGOT.—Quoted on the spot at 4s. 9d. to 5s. per lb.; forward, 4s. 6d., c.i.f.

EUPHORBIUM.—Firm with spot quotations from 85s. to 90s. per cwt.

GAMBOGE.—Spot, Siam pipe is quoted at £60 per cwt., duty paid.

GENTIAN.—French natural root, on the spot, is quoted at 100s.; cut, 130s. per cwt.

GINGER.—Jamaican No. 1 is quoted at 110s. per cwt., spot; No. 2 is quoted at 95s.; No. 3, 90s. Sierra Leone, on the spot, is at 67s. 6d.

GUAIACUM RESIN.—Quotations for lump are from 2s. 9d. to 3s. per lb., spot.

GUM ACACIA.—Kordofan cleaned sorts is easier at 70s. to 72s. per cwt., ex store; shipment 67s. 6d., c.i.f. Bleached No. 1 is quoted at 145s., ex store, and Talha at 40s. per cwt., spot; forward, 37s. 6d., c.i.f.

GUM MASTIC.—No. 1 is offered on the spot at 14s. per lb., duty paid.

HELLEBORE.—Spot quotations are at 3s. per lb., duty paid.

HENBANE.—Quotations are at 4s. 6d. per lb., spot, for fair quality material. Shipment offers for *H. muticus* are difficult to get.

HENNA.—Egyptian leaves are offered at 135s. per cwt., ex warehouse.

HYDRASTIS.—Firm. Spot quotations are at around 60s. per lb.

IPECACUANHA.—A firm market. Nicaraguan root is quoted at 27s. 6d. to 28s. per lb., shipment, 24s. 6d., c.i.f. Colombian root on the spot, 27s. per lb.; shipment, 23s. 6d., c.i.f.

IRISH MOSS.—French material, finest-quality bleached, quoted at 120s. per cwt., spot; No. 1, 105s.; No. 2, 95s. per cwt.

JALAP.—Vera Cruz, spot offered at prices from 4s. to 4s. 6d. per lb., according to test.

JUNIPER.—Italian berries, quoted at from 56s. to 65s. per cwt., duty paid, according to quality.

KARAYA.—No. 1 gum is quoted at 215s. to 220s. per cwt., spot; No. 2, 170s.

KOLA NUTS.—Steady. African quarters are quoted at 7½d. per lb.; African halves, 5d. to 6d., according to quality; Jamaican washed halves, 5½d. per lb.

LAVENDER FLOWERS. — Spot quotations are from 2s. 3d. to 4s. 6d. per lb., according to quality.

LIQUORICE ROOT.—Anatolian whole root is quoted at 52s. 6d. per cwt., spot. Turkish juice (block) is quoted at 250s. per cwt., duty paid; shipment, 225s., c.i.f. Italian block for shipment, 250s., c.i.f.

LOBELIA.—Difficult to find on the spot; nominal quotation is 6s. per lb.

MACE.—West Indian pale, on the spot, is at 6s. 9d. to 7s. per lb., according to quality.

MALE FERN.—Jugo-Slav is quoted at £85 per ton, spot.

MENTHOL.—Brazil is a stronger item and is quoted from 44s. to 47s. 6d. and upwards per lb., duty paid; forward 41s. to 42s., c.i.f. Chinese, in original cases, 52s. 6d. per lb., duty paid.

MERCURY.—Spot quotation is £16 per flask, ex warehouse; for shipment, £15s. 8s., c.i.f. U.K.

MYRRH. — Spot. Aden sorts is quoted at £14 to £15 10s. per cwt., according to quality; siftings, £8 to £10 per cwt.

NUTMEGS.—West Indian 80's are steady on the spot at 2s. 9d. per lb.; unassorted, 2s. per lb., sellers.

NUX VOMICA.—Madras is steady at 40s. to 42s. 6d. per cwt. Mangalore, 40s.; Cochin, scarce, 42s. 6d. to 45s., spot, as to seller.

OLIBANUM.—Fair to good drop is quoted from 200s. to 240s. per cwt.; pea size, 220s.; good garblings, 180s.; seeds, 175s.; siftings, 110s.

ORANGE PEEL. — Spot quotations for Spanish quarters are at 1s. 6d. per lb.; sweet ribbon is quoted at 1s. 9d. per lb. Bitter ribbon, 1s. 3d. per lb., spot Liverpool.

ORRIS.—Steady. Florentine is quoted at 150s. to 160s. per cwt., spot.

PAPAIN. — East African on the spot is quoted at 33s. per lb.

PIMENTO.—Steady. Spot quotations are at 1s. 2d. per lb.; to arrive, 119s. per cwt., c.i.f.

PSYLLIUM SEED.—Black, on the spot, is quoted at prices from 2s. 3d. to 2s. 6d. per lb.; pink seed is quoted at 1s. 5d., spot.

QUASSIA.—Chips, shipment, quoted at 34s. per cwt., c.i.f.; September-October is quoted at 32s., c.i.f.; spot supplies would be worth 40s. to 45s.

QUILLAIA.—Natural bark, spot, can be bought at 115s. per cwt.; cut, for future delivery is available at 135s. per cwt.

QUINCE SEEDS.—Cape, on the spot, is quoted at 6s. per lb.

RHUBARB.—Spot quotations for Chinese rough round are from 6s. to 7s. 6d., according to fracture; forward, from 4s. 6d. to 5s. 6d., c.i.f. Poorer qualities are offered at 4s. 6d. per lb. Some French rhapontica at 2s. per lb., spot.

SEEDS.—ANISE, Cyprus, 2s. 3d. per lb., quoted, and Turkish, 2s. 1d. per lb., both spot London or Liverpool, duty paid. CARAWAY.—Dutch quoted 1s. 1d. per lb., duty paid, ex wharf London. CELERY.—Indian, 1s. 4d. per lb., spot Liverpool. CORIANDER.—Spot. Morocco, 42s. 6d. per cwt., duty paid, ex wharf London; Argentine, 42s. per cwt., duty paid, ex wharf London; English quoted 72s. 6d. to 75s. per cwt. CUMIN.—Spot. Indian, 235s. per cwt., ex wharf Liverpool or Hull; Cyprus, 232s. per cwt., ex wharf London. DILL.—Indian, 42s. 6d. per cwt., quoted spot London or Liverpool. FENNEL.—Indian, 90s. per cwt., spot London; 87s. 6d. per cwt. quoted ex store Liverpool. FENUGREEK.—Indian, 45s. per cwt. in London and 42s. 6d. per cwt. ex store Liverpool.

SENNA. — Steady. Tinnevelly leaves, spot, No. 1, 1s. 2d.; No. 2, 10½d.; No. 3, 9d. to 9½d.; No. 4, 8½d. Tinnevelly pods, hand-picked, 10½d. to 1s. 4d.; manufacturing, 6d. to 6½d. Alexandrian pods, hand-picked, spot, from 4s. 9d. to 5s. 9d., according to quality; medium, 2s. 9d; manufacturing, 1s. 9d. to 2s. per lb.

WAXES. — BEES', Dar-es-Salaam and Lindi are not being offered on the spot; nominal c.i.f. quotations for these varieties are 340s. and 336s. 6d. per cwt., respectively. Benguela, spot, is quoted at 370s., duty paid; for shipment, 310s., sellers' licence, 295s., buyers' licence. CANDELILLA.—Quoted 430s. per cwt., spot; shipment, 375s., c.i.f. CARNAUBA.—Fatty grey, 620s. per cwt., spot; afloat, 560s., c.i.f.; September-October shipment, 535s., c.i.f. Prime yellow is firmer on the spot and quotations are at 800s.; shipment is also higher at 750s., c.i.f. MONTAN.—Reibeck is quoted at 390s. per cwt., spot; Czechoslovak crude is dearer at 335s., spot. OURICURI.—5 per cent. shipment, 335s., c.i.f.; 2 per cent. for shipment, 360s.; 9 per cent., spot, 365s.

Essential and Expressed Oils

ALMOND.—B.P. (sweet) in short supply, is quoted at 8s. to 12s. per lb., according to seller. Bitter oil, to come forward, is quoted at 25s. to 27s. 6d. per lb.

ANISEED OIL.—Spot quotations are from 5s. 6d. to 6s. 6d. per lb. with more for smalls. September-October shipment, 3s. 8d. in drums and 3s. 10d. to 4s. in tins and cases, landed.

BAY.—West Indian is steady at 8s. to 9s. per lb., spot.

CADE.—Spot quotations are at from 4s. to 5s. 6d. per lb., according to quantity.

CANANGA.—Java oil is quoted at from 35s. to 40s. per lb., spot.

CASSIA. — Spot quotations are from 16s. 6d. to 18s. per lb., as to quantity.

CASTOR. — Controlled prices are unchanged: Firsts, £180 per ton; seconds, £176, naked ex works.

CINNAMON.—Imported oil (factitious) complying with B.P. requirements is quoted at 80s. to 90s per lb., spot. English-distilled oil from Ceylon bark is quoted at 24s. per oz. Leaf oil, spot, quoted at 11s. 6d. to 13s. 6d. per lb.

CORIANDER.—English-distilled, 250s. per lb., nominal quotation.

FENNEL.—Sweet oil is quoted at 17s. 6d. to 20s. per lb., on the spot.

GERANIUM.—Bourbon is steady at from 70s. to 77s. 6d. per lb., according to quantity and grade.

GINGER.—Quotations range from 75s. to 125s. per lb., according to quality and seller.

GUAIACWOOD.—Quoted at 16s. to 19s. per lb., spot., according to quantity and seller.

JUNIPER BERRY.—Importers' quotations are from 30s. to 35s. per lb. English-distilled ranges from 50s. to 125s. per lb., according to quality and seller.

LAVANDIN. — Steady on the spot but weaker forward. Prices range from 11s. 6d. to 15s. 6d. per lb., spot., according to seller.

LAVENDER.—French (38 to 40 per cent. esters) is quoted from 40s. to 45s. per lb. Spanish (spike), 11s. 6d. to 12s. 6d. per lb., spot.

NUTMEG.—Steady. English-distilled oil is at 45s. to 55s. per lb., spot; West-Indian distilled, to come forward, 42s. 6d. to 45s. per lb., landed.

OLIVE.—The price of edible, 1 per cent., to wholesalers is 51s. per gall. of 9 lb., in drums, ex store. Wholesalers' prices to retailers are as follows; In gall. loan cans, 58s. 9d. per gall.; in ½ gall., 59s. 6d.; in quart loan containers, 60s. 4d. and in pint containers, 61s. 4d. per gall., all delivered.

VETIVERT.—Java is quoted at 135s. per lb., on the spot; Bourbon is at 180s.

YLANG YLANG.—Réunion No. 1 quality is quoted at 90s. per lb.; No. 2, 50s.; No. 3, 35s.

TRADE MARKS

(*From "The Trade Marks Journal," August* 6)

"SEA-MIST"; for cosmetics (not being toilet preparations), soaps, perfumes, essential oils, hair lotions and dentifrices (3). By John Martin of London, Ltd., 14 Seething Lane, London, E.C.3. 648,328.

"IBCO HOME HELPS" incorporated in device to form house with smoking chimney (words "Home Helps" disclaimed); for preparations and substances for laundry use; cleaning, polishing, scouring, and abrasive preparations; detergents, perfumes, toilet preparations (not medicated), cosmetics, dentifrices, depilatories, toilet articles (not included in other Classes), sachets for waving the hair, soaps, and essential oils (3); for pharmaceutical preparations and substances for human and veterinary use, sanitary substances, antiseptics, disinfectants, insecticides and preparations for killing weeds and destroying vermin (5). By A. Ibbetson & Co., Ib-co Works, Great North Road, Stevenage, Herts. 648,491 and 648, 493 (Associated).

"D'HERBLAY"; for perfumes, toilet preparations (not medicated), cosmetics, dentifrices, depilatories, toilet articles (not included in other Classes), sachets for waving the hair, soaps, and essential oils (3). By Société des Parfums D'Herblay, 40 Rue du Colisée, Paris, France. 648,862.

"EXTRAVAGANZA"; for perfumes, toilet preparations (not medicated), cosmetics, dentifrices, depilatories, toilet articles (not included in other Classes), sachets for waving the hair, soaps, and essential oils (3). By R. Hovenden & Sons, Ltd., 29/33 Berners Street, London, W.1. 648,866.

"ATOMOTH"; for moth-destroying preparations in liquid and powder form (5). By Mandeville Products, Ltd., 3 Mandeville Place, Wigmore Street, London, W.1. 644,593.

"CRESATIN"; for medicinal preparations for human and veterinary use (5). By Sharp & Dohme, Ltd., 4 Brocket Road, Hoddesdon, Herts. 645,238.

"ASMA-OPA" (word "Asma" disclaimed); for pharmaceutical preparations for the treatment of asthma (5). By Leadbitter & Son, Ltd., 23 Blandford Street, Sunderland. B646,089.

"MENOSTROL"; for œstrogenic or synthetic œstrogenic preparations for use in menstrual affections (5). By Clinical Products, Ltd., 2 The Green, Richmond, Surrey. 647,035 (Associated).

"SISTER-LENA"; for all goods included in this Class except sanitary clothing and infants' and invalids' foods and goods of the same description as any of these excluded goods (5). By Ricks, Ltd., trading also as Knight & Knight, 298 Cavendish Road, Balham, London, S.W.12. 647,188.

"VITARHEUM"; for pharmaceutical preparations for the treatment of rheumatic and like complaints (5). By Vitaproducts (London), Ltd., 142 The Grove, Stratford, London, E.15. 647,190 (Associated).

"CATALINE"; for veterinary medicines (5). By The Cataline Co., Ltd., 147A St. Michael's Hill, Bristol. 649,114 (Associated).

Mediæval doctor device; for pharmaceutical preparations for human and veterinary use; sanitary substances, infants' and invalids' goods, and disinfectants (5). By The Crookes Laboratories, Ltd., Gorst Road, Park Royal, London, N.W.10. 648,287.

"MEDALLION"; for medicated toilet paper (5). By British Crepe-makers & Paper Products, Ltd., Harlequin Works, Harlequin Avenue, Great West Road, Brentford, Middlesex. 648,704.

"OPSOTULLE"; for tulle impregnated with an emulsion containing sulphanilamide for sale in the United Kingdom and not for export (5). By Optrex, Ltd., 14 King William Street, London, E.C.4. 648,985 (Associated).

"KENTELLA"; for pharmaceutical preparations for human and veterinary use; and sanitary substances (5). By Yorkshire Pharmaceutical Industries, Ltd., Morpeth Street, Rotherham, Yorks. 648,065 (Associated).

"ATOMITE"; for sprayers for insecticides; and insect destroying or repelling tools or implements; all being hand instruments included in this Class (8). By Ashton Products, Ltd., 143-167 Brookhill Road, Bootle, Liverpool. 647,608.

"SPEED PANCHRO"; for photographic lenses (9). By Taylor, Taylor & Hobson, Ltd., 104 Stoughton Street, Leicester. 638,696 (Associated).

"PHILCHROME"; for photographic prints (16). By Philip Gotlop Photographs, Ltd., 24 Kensington Church Street, London, W.8. 648,211.

"STERASTICKS"; for tooth picks and tooth sticks, none being of precious metal or coated therewith (21). By Walter Reginald Williams-Crowe, White Ben, South Road, Chorley Wood, Herts. 648,403.

"ZETA"; for hair curlers (for attachments to the hair), hair pins and hair fasteners (26). By Henry James Christie, 6 Adelaide Street, Belfast, Northern Ireland. 648,609.

CANCELLATION ON APPLICATION OF THE PROPRIETORS

Trade Mark No. 658,382 by Ward Blenkinsop & Co., Ltd., is cancelled in respect of all goods except pharmaceutical preparations of vitamin K and pharmaceutical preparations of aspirin and vitamins C and K.

COMING EVENTS

Thursday, September 4

HOUNSLOW BRANCH, PHARMACEUTICAL SOCIETY, Bulstrode Hotel, Hounslow, Middlesex, at 7.45 p.m. Inaugural meeting.

HARROW BRANCH, PHARMACEUTICAL SOCIETY, is organising a visit to the House of Commons on September 3. Members wishing to join the party should communicate with the secretary, 21 Hillcroft Avenue, Pinner, Middlesex.

LONDON BRANCH, GUILD OF PUBLIC PHARMACISTS, is arranging visits to May & Baker, Ltd., on September 24 and October 1, departing from Bloomsbury Square, London, W.C.1 at 1.15 p.m. Members wishing to join one of the parties should communicate with Mr. S. Powlson (social secretary), Flat 4, 5 Brockley Road, Beckenham, Kent.

B.D.H. *Blue Triangle* SERIES

GLYCERIN OF THYMOL is only one of the B.D.H. 'Blue Triangle' series of packed pharmaceutical products.

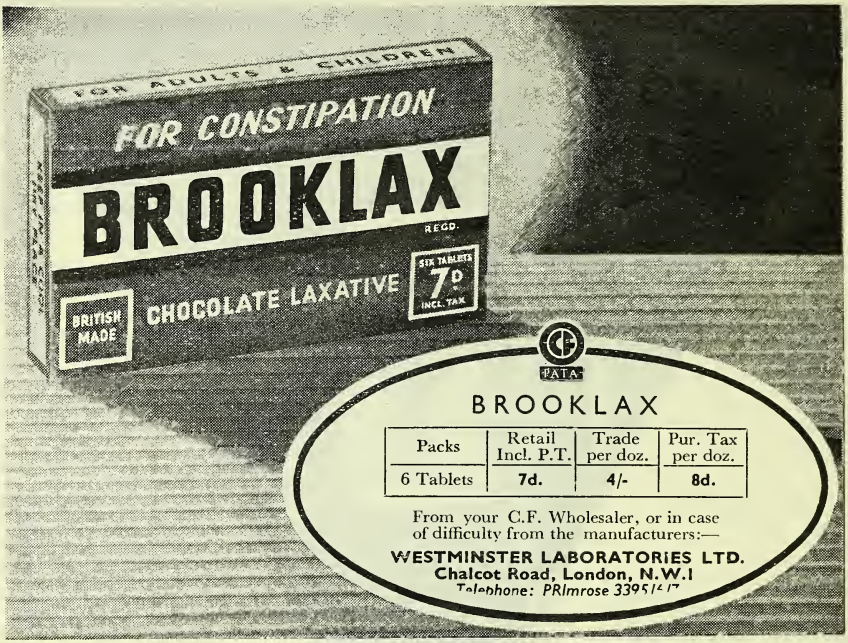
This series gives the private pharmacist a range of more than thirty 'key preparations'—everyday essentials, mainstays of his trade—which he can sell with confidence and credit.

The high standard and finish of the 'Blue Triangle' series of pharmaceutical products has been maintained unwaveringly since the inception of the range many years ago.

Every package carries the name 'B.D.H.' as guarantee of purity and quality, with the pharmacist's name and address printed on a separate back label.

THE BRITISH DRUG HOUSES LTD. LONDON N.1

BTr·T/1a



PATA

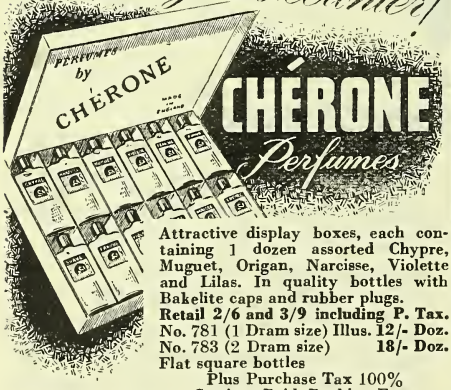
BROOKLAX

Packs	Retail Incl. P.T.	Trade per doz.	Pur. Tax per doz.
6 Tablets	7d.	4/-	8d.

From your C.F. Wholesaler, or in case of difficulty from the manufacturers:—

WESTMINSTER LABORATORIES LTD.
Chalcot Road, London, N.W.1
Telephone: PRImrose 3395/6/7

A quick-selling line for your counter!



Attractive display boxes, each containing 1 dozen assorted Chypre, Muguet, Origan, Narcisse, Violette and Lilas. In quality bottles with Bakelite caps and rubber plugs.
Retail 2/6 and 3/9 including P. Tax.
No. 781 (1 Dram size) Illus. **12/- Doz.**
No. 783 (2 Dram size) **18/- Doz.**
Flat square bottles
Plus Purchase Tax 100%
Carriage Paid, Packing Free.

Please order early to ensure prompt delivery

dellwood limited
creators of high-grade perfumery
SUTHERLAND ROAD - LONDON - E.17

Acute Gastro - Intestinal Infections

DIMOL SYRUP

for

RAPID ACTION

PRICE	Minimum Retail Price	Tax Each	Minimum Wholesale Price
4 oz.	3/6	5d.	29/5 doz.
16 oz.	12/-	1/5	100/10 „

Whatever the Gastro - Intestinal condition DIMOL is indicated

Distributing Agents
THE ANGLO-FRENCH DRUG CO., LTD.,
11-12, Guilford Street, London, W.C.1.
Telegrams: "Ampsalvas London."
Telephone: HOLborn 6011.

Dimol Laboratories, Ltd.,
34/40, Ludgate Hill, London, E.C.4.

Make Money out of the Moth Menace

Sell **PROMOL MOTH RINGS**

RETAIL AT 7D PER PACKET

Wholesale 56/- Per Gross

PROMEDICO PRODUCTS LTD.
22 Turle Rd., London, N.4 ARCHway 2771

"Leda"

D·D·T

LIQUID SPRAY

Specially prepared for Household use.
NON-INFLAMMABLE, NON-STAINING.
Ready for immediate use. Full directions on each container. Also in Powder Form.
Samples and prices available to Wholesalers from Manufacturers.

LEDA CHEMICALS LTD.
LONDON, N.19
ARC. 4877

Sole Agents for Scotland :—
SOUTHERN MANUFACTURING CO. LTD.
214 West Regent Street, Glasgow, C.2

Sole Agents for N. Ireland :—
WHYTE, REID & MITCHELL, LTD.
61/63 Donegall Pass, Belfast

50% PROFIT on COST

. . . . is assured if you display and sell

E.N.T. POWDERS & CAPSULES

Highly recommended for relief from headaches and all nerve pains
Safe stock, sound formula and very satisfactory profit bringers

From all Wholesalers or direct from :—

PATA

The E.N.T. MANUFACTURING COMPANY LIMITED
433 Gloucester Rd., BRISTOL 7. *London address :—* BCM/ENTCO W.C.1

PARAGON RAZOR BLADES

No. 4. ACORN

No. 2. SINGLE EDGE

No. 3. STROPPING

SOLE MANUFACTURERS—

THE PARAGON RAZOR CO.
NURSERY WORKS, ELDON STREET, SHEFFIELD, 1

Nearly Five times the Profit

FOR ONE-SIXTH OF THE TROUBLE

The 24/- size 'Curicones'—the FULL treatment—is the size your customers ask for. This choice is wise both from their point of view and your own.

YOU ENJOY THESE ADVANTAGES BY STOCKING THE CURICONES 24/- SIZE

1. You make nearly five times the profit for one sixth of the trouble. (The 24/- size contains six times the quantity of the 5/- size).

2. You sell the equivalent of six bottles of 'Curicones' at one sale—and thus avoid the customer buying only one bottle from you, and the other five bottles elsewhere.

3. Your turnover is quicker. Time is saved.

4. You are cementing goodwill. Obstinate cases of Rheumatic affliction yield to the full course of 'Curicones.'

ORDER A ¼ DOZ. FROM YOUR WHOLESALER TO-DAY—and satisfy your customers.

CURICONES

for the relief of P.A.T.A.

RHEUMATISM *and* KINDRED ILLS

Remember 'Curicones' is a P.A.T.A. Line showing 33⅓% profit, nationally advertised and recommended by the medical profession. Showcard sent on request

Large Size **24/-**

STEPHEN MATTHEWS & COMPANY LIMITED
19/21 FARRINGDON STREET, LONDON, E.C.3

LINK UP with THIS BIG CAMPAIGN

Vigorous Press and Poster Advertising is putting **VITAL FORCE** over in a big way. Take a share of this profitable business. Let us send Display material and Showcards (in full colour), together with handsome terms. Retails at 3/9d.

MACLENNAN PRODUCTS LTD.
9, MONTRELL ROAD, LONDON, S.W.2.

A reputation for reliability . . .

"Sentinel"

ALL COTTON WOOL

SANI-TOWELS

"with the soft seamless knitted covering"

SIZES **1, 2, 3** AND MATERNITY

also

'KUMFEX' SOLUBLE

(all with loop ends)

★ *Supplies unfortunately restricted at present*

SPLENDOR LTD. Nottingham & London

NURONA

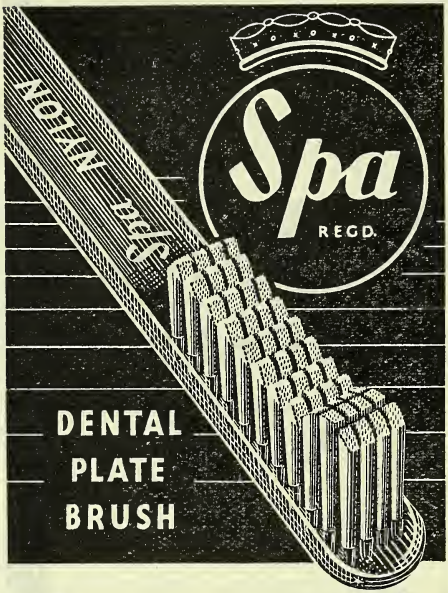
Sunbronze and Suntan **CREAMS**

Supplies of the SUNTAN Cream are still available to meet the calls of the present hot spell.

•

JAMES WOOLLEY, SONS, & CO. LTD.
Victoria Bridge, Manchester, 3

WN36



designed specially for the job

A Dental Plate Brush has a double job to do — it must clean every part of the plate as well as the dentures. No ordinary brush — and no adapted tooth-brush — can do this.

The SPA Dental Plate Brush has been specially designed for its particular job. The handle is correctly shaped. The bristles are of the right hardness, length and spacing.

The price is right. The PROFIT is right. It's a P.A.T.A. line. *And* it's a quick seller.

Supplies now available

John Freeman & Co. Ltd.,
Spa Brush Works, Chesham, Bucks.

Tintex

THE WORLD'S LARGEST-SELLING **HOME DYE**

Dr. JANSSEN'S BRAND TEA & TABLETS

These tonic remedies for figure fitness are in greater demand than ever. National advertising stimulates this demand and makes them ready sellers. Supplies are readily available. If you want to share in this demand write for details of prices and packings.

● Wholesale distributing agents are wanted in most areas throughout the country.

Dr. JANSSEN LTD
52, BAKER ST. LONDON. W.1.

THE

big

NATIONALLY ADVERTISED EYE LOTION Valopto is always in the public eye . . . month after month, year in, year out. In the great National and Provincial newspapers, on the Underground, in the leading Magazines, Valopto advertising is constantly building up new sales, added goodwill.

SELLING TO A

bigger

MARKET THAN EVER BEFORE

Valopto advertising reaches out to every member of the community, of all ages and occupations. The demand for this outstanding Eye Lotion is increasing . . . stock up to meet the demand which will be particularly heavy in the months to come. Valopto is

BOOKED FOR THE

biggest

EYE LOTION SALES EVER

Retail Price 2/3 inc. tax.

Wholesale price 16/9, with purchase tax 2/9½ extra.

DAE HEALTH LABORATORIES Limited,

17, BERNERS STREET, LONDON, W.1.

"SURCO"

RELIABLE

ELASTIC HOSIERY

SEAMED AND SEAMLESS

For special garments to measure we give the best possible service

SURGICAL BELTS
TRUSSES AND SUNDRIES

50 years' service of everything Surgical

SURGICAL HOSIERY CO. LTD.

Russell Street - NOTTINGHAM

Telephone No. 75903 Telegrams: Surgical Nottm

STM6

SOFT . . .
SOFTER . . .

SOFTEX

Inter-leaved

TOILET TISSUE

Extra thin, pure strong quality

Softex Toilet ROLLS also available

A SWAN MILL PRODUCT, LONDON, W.1.

SUPPLIES AVAILABLE

LATHER

Shaving **CREAM** *& Shaving* **BLOCKS**

Two really excellent preparations which are already in great demand. Ensure your supply now!

MADELOX *Limited*

168 · CORPORATION ST. MANCHESTER 4

SHADEINE

FOR GREY HAIR

FIFTY YEARS' REPUTATION

All shades. Two sizes only at present. Retail prices 2/6. and 4/10 (including Purchase tax).

STOCKED BY ALL LEADING WHOLESALERS

D.C.L. VITAMIN B1 YEAST TABLETS

Each ounce contains a natural Vitamin B potency equivalent to that of 25 mgm. Aneurin Hydrochloride, 1·4 mgm. of Riboflavin, and 8 mgm. Nicotinic Acid. Each tablet contains 100 I.U. (approx.) Vitamin B1.

100 TABLETS 3/9d. 50 TABLETS 2/3d.

MANUFACTURED BY

THE DISTILLERS CO. LTD., EDINBURGH.

PERFUMERY RAW MATERIALS

FOR SOAP, COSMETIC AND PERFUME MANUFACTURERS

MONTON LANE WORKS, ECCLES, LANCASHIRE

Phone: ECCLES 2316. Grams: CARVANSONS, MANCHESTER

P.A.S.

Continuous and Steadily Advertised Goods FOR DESTROYING RATS AND MICE

DANYSZ VIRUS

Retail Price (Protected) Net Wholesale Price
Virus for Rats and Mice, single tube, 2/- 15/- per doz.
3 tubes, 5/-
Virus for Mice only, single tube, 1/6 9/- ,,
3 tubes, 3/-
Date-expired tubes returned to us postage paid will be exchanged free of charge.

Danysz Virus in Liquid Form

Retail Price Wholesale Price
Bottles 6/- each ... ... 4/6 each
,, 4/6 ,, ... 3/9 ,,

HALLER'S EXTRACT OF SQUILL and DANZO RAT KILLER

Discount off Retail Prices 25 p.c. Monthly Account, or 33⅓ p.c. Cash with Order.

Retail	Monthly A/c	Cash with Order
½ gall. tins 10/-	... 7/6	... 6/8
1 ,, ,, 18/-	... 13/6	... 12/-
5 ,, ,, 80/-	... 60/-	... 53/4

DANZO BEETLE POWDER

For destroying Blackbeetles, Cockroaches, Crickets, etc.

Retail Prices (Protected) Wholesale Prices
In cartons 9d. each ... ... 6/9 per doz.
,, 1/6 ,, ... 13/6 ,,
,, 3/- ,, ... 27/- ,,
Danzo Beetle Powder will not deteriorate by keeping.

CARRIAGE PAID ON ALL ORDERS

To be obtained from
HALLER LABORATORIES, LTD.
325, Borough High Street, LONDON, S.E.1
Telegrams: "Virudana, Sedist, London." Telephone: Hop. 271

LABELS OF DISTINCTION

For Wholesale Manufacturing & Retail Chemists
MEDICAL and DISPENSING LABELS, TOILET, COSMETIC and PERFUME, largest range of STOCK LABELS (attractive two-colour 50-60 wordings), SHAMPOO POWDER ENVELOPES and INNERS, also SACCHARINE TABLET ENVELOPES, with name and address. We can also offer multi-coloured advertising stamps in exclusive designs.

Send for our extensive sample range

CARILLON PRESS LTD
Artists in the Production of Fine Labels
BOURNEMOUTH

Death to Flies!

SCOTT'S

D.D.T

FLY and MOTH PAPERS

DESTROY FLIES ON CONTACT

3D EACH

THIS YEAR'S FASTEST SELLING LINE

Scott's D.D.T. Fly Papers will clear a room of flies, gnats, midges, etc., in no time. D.D.T. is absorbed through the pads of the flies' feet which causes death very quickly.

PRICE 24/- PER GROSS

TRADE & WHOLESALE ENQUIRIES INVITED

SOLE MANUFACTURERS:

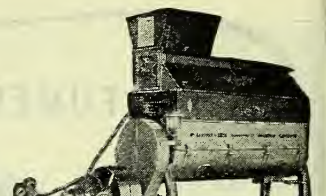
J. & K. SCOTT,

MANUFACTURING CHEMISTS,

61, SUMMER ROW • BIRMINGHAM. 3.

DISTRIBUTORS: SWINNERTON'S

SHIRE OAK WAREHOUSE • STONNALL • WALSALL.



3 in one!

This machine, besides sifting and mixing powders to perfection, incorporates an automatic sprayer for either replacing lost moisture, adding flavour or perfume, or securing uniform tinting. It does its job efficiently, rapidly and economically.

GARDNER'S *Patent* **'RAPID'**

SIFTER, MIXER & ESSENCE SPRAYER

WM. GARDNER & SONS (GLOUCESTER) LTD.,

GLOUCESTER *Telephone: 2288 (3 lines)*

LONDON: 19 Grays Inn Chambers, 20 High Holborn, W.C.1

Telephone: Chancery 7347.

HALMAGON

Brand Tablets

WRITE FOR OUR NEW SHOWCARD

Ask your Wholesaler

4-Tube Box 3/11½: 15-Tube Box 11/10

(Including Purchase Tax)

Sole Distributors:

MARSHALL'S PROPRIETARIES LTD.

127/133 High Street, Croydon.

W. H. JONES & CO. (London) Ltd.

BUYERS, CONFIRMERS & SHIPPERS

BARNET, HERTS, ENGLAND.

ORDERS WITH LICENCE NOS. & YOUR BANK'S NAME **INVITED**

LIVERPOOL SCHOOL OF PHARMACY

Blackburne Place, Liverpool 8

Principal: HUMPHREYS JONES, F.R.I.C., PH.C.

Preparation for the Intermediate and Qualifying Chemist and Druggist Examinations.

Bookings are proceeding for the next Session due to commence on October 1

Particulars from the Principal

Manufacturers of **TANNIC ACID** (Bulk Supplies Only)

ALL QUALITIES

THE BRITISH DYEWOOD COMPANY LTD.

19 St. VINCENT PLACE, GLASGOW, C.1.

Telephone: CENTRAL 4425 *Telegrams: DYEWOOD*

Trusted....

IN THOUSANDS OF HOMES

Recommended unhesitatingly, and bought with confidence, San-Mex Disinfectant enjoys a valued reputation among retailers and customers alike.

TRADE MARK
SAN MEX REGD.

DISINFECTANT

Also PINE 8½d. & 1/6 *per bottle*

Trade enquiries to Sole manufacturers :—
The British Products San-Mex Co. Ltd., Glasgow, C.1.

HERTS PHARMACEUTICALS LTD

BESSEMER ROAD
WELWYN GARDEN CITY

announce that as from September 1st Nivea Creme will be increased in price as follows :—

●

No. 368 TIN

Trade Price 10/9 per doz. each net — Retail Price 2/3

No. 363 TIN

Trade Price 19/2 per doz, each net — Retail Price 4/-

Retail prices include Purchase Tax

for seven good reasons

(1) Made from best Latex obtainable.
(2) Available normal and anti-colic shapes.
(3) Hygienic and attractive individual packing.
(4) Seamless construction.
(5) Transparent.
(6) Stand repeated sterilization.
(7) Fit any size bottle.

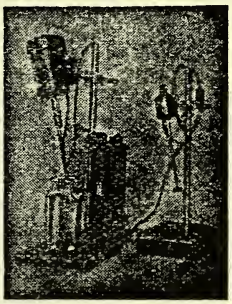
GROVEWELL

FEED TEATS & VALVES

Grovewell soothers are also now available.
Wholesale only supplied
656, Forest Road, Walthamstow, London, E.17

Formula for mixing...

If you have to undertake fluid mixing, stirring or agitation on a small scale or on an industrial basis, our technical engineers can help you. We can supply 1/60th H.P. and ⅛th H.P Laboratory units or mixers up to 10 H.P. to handle 50,000 gallons.



MITCHELL
RAPID MIXING AND STIRRING UNITS

L. A. MITCHELL LIMITED
37 PETER STREET MANCHESTER

Telephone: BLAckfriars 7224 (3 lines)

SEVEN FAMOUS NAMES THAT WILL BRING YOU EXTRA SALES

'ANADIN' TABLETS

A compound of pain-relieving and fever-reducing ingredients in tablet form.

'BISURATED' MAGNESIA

A well-balanced combination of antacids for dyspepsia, heartburn, flatulence and stomach acidity.

'Bisurated' Magnesia Tablets—An effective relief for all forms of indigestion in easy-to-take tablets.

'BiSoDoL'

Antacid digestant in powder form offering speedy relief. A balanced antacid sedative devoid of costive effect. BiSoDoL Mints are pleasantly flavoured, easily carried tablets for the relief of dyspepsia.

'FREEZONE' PREPARATIONS

Corn Remover—A treatment for the painless and speedy removal of corns and the prompt relief of corn pains.

Corn Rings—These rings are used with 'Freezone' Corn Remover and to allay pressure on a corn.

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Dental Cream—A highly concentrated scientific dental cream.

Denture Powder—An effective cleanser of dentures which quickly removes stains and banishes odour.

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'LIMESTONE' PHOSPHATE

A pleasant-flavoured effervescent saline for the removal of impurities from the system.

'PINEATE' HONEY COUGH SYRUP

A pleasant, soothing, bronchial remedy for the relief of coughs caused by inflammation and congestion. Especially suitable for children.

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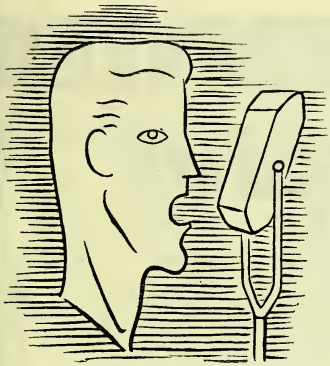

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Regarding

TABLET MANUFACTURING

We beg to announce to the wholesale and retail trade, that, having removed to more commodious premises, we are now in the position to manufacture practically any size or type of tablet from a saccharine size to 2 inch, from either our materials (subject to availability) or yours.

All our modern machines and methods of manufacture are at your service.

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Good news! As from 1st September the Large Size (100 tablets) Digestif Rennies comes back on the market—**and in full supply.** New Retail Price is 2/3d (including tax). Trade: 18/6d. per dozen, less usual "Griffiths Hughes" quantity discounts, plus purchase tax. Demand will be great. Please order early—and order enough. "First come" will be "first served."

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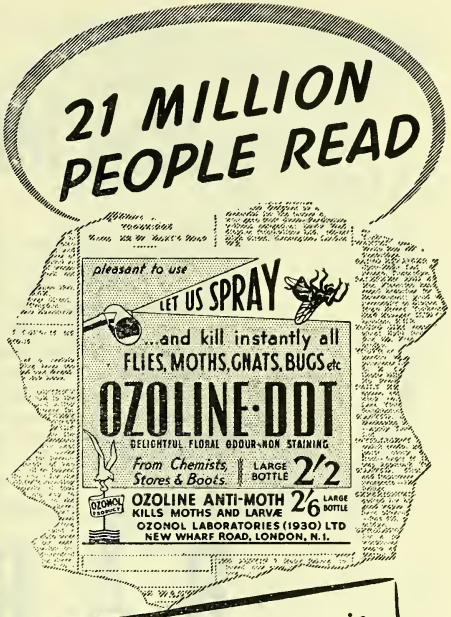

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18/- per dozen 10 oz. bottles.
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20/- per dozen 10 oz. bottles, also in ½ and 1 gallon cans.

Sprayers available retailing at 3/-

A pre-war product improved by DDT. Produced by the makers of the famous Ozonol Air Purifiers.

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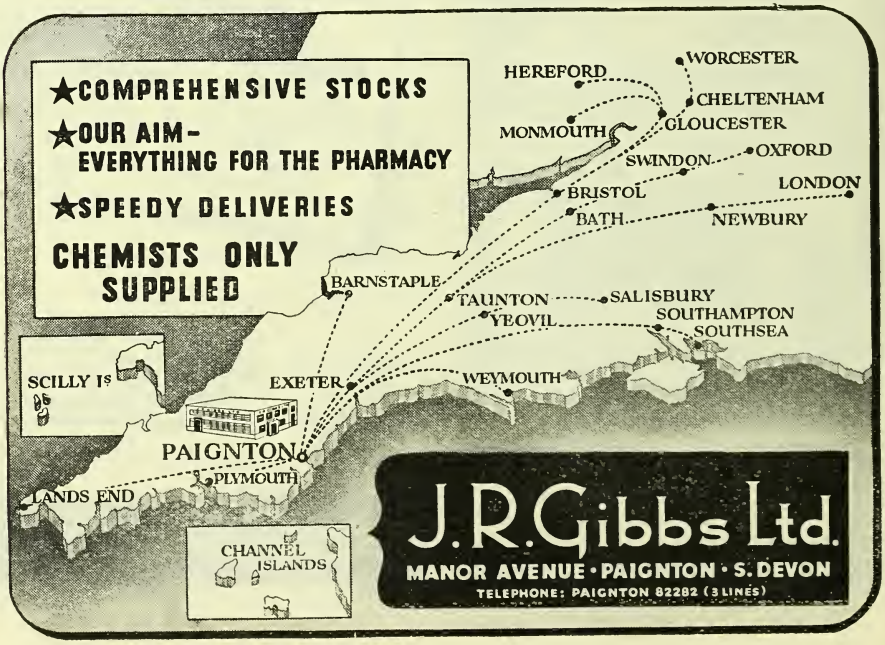

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A leading entomologist's report confirms that FLYOLIN kills moth-larvæ in 3 days and renders sprayed material fatal to moths settling, and to larvæ deposited upon it. A full copy of this report will gladly be supplied by the manufacturers on request. FLYOLIN is a genuine product, made to meet the demand for a really effective anti-moth preparation.

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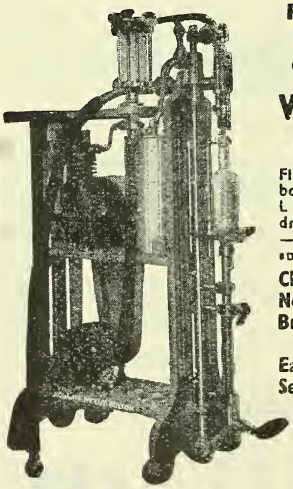

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	INCLUSIVE RETAIL	WHOLESALE	PURCHASE TAX
CHILBALM (CHILBLAIN CREAM)	1/3	8/7	16⅔%
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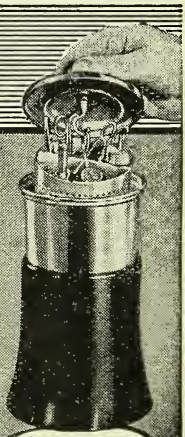

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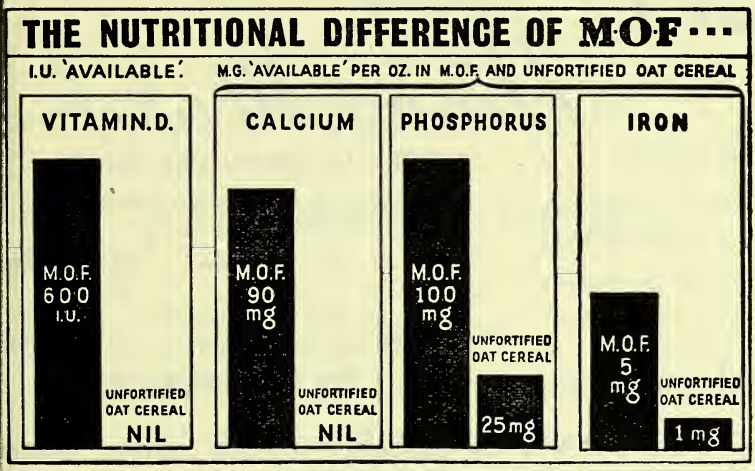

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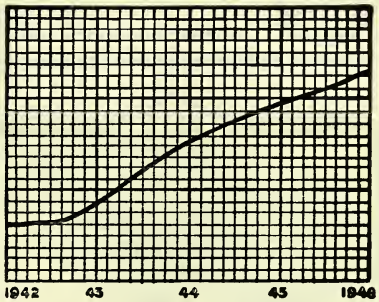

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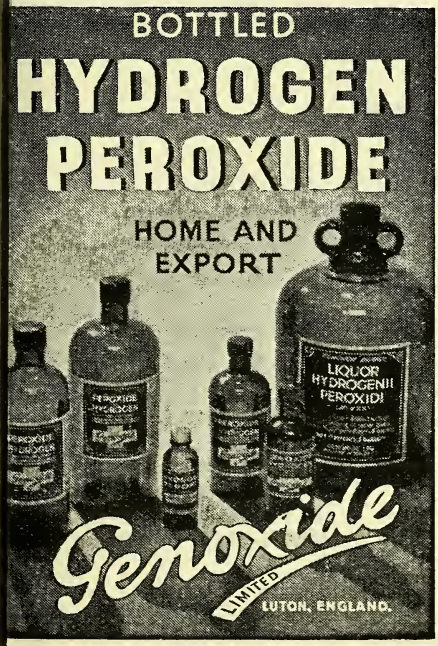

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AUGUST 30
1947

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BUSINESSES for DISPOSAL, BUSINESSES and AGENCIES WANTED, GOODS for SALE (value £5-£50), PARTNERSHIPS, PATENTS, PREMISES to LET, for SALE or WANTED, SITUATIONS OPEN	**8/6 for 36 words or less, 3d. for each additional word.**
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All advertisements must be prepaid.
Advertisements can be accepted up to FIRST POST WEDNESDAY MORNING of week of issue.
Later advertisements will be included in next available issue.
In view of existing paper shortage advertisements should be sent as early as possible accompanied by remittance to
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ALHAM. £4 a week and generous commission for experienced assistant who likes responsi-y. Mainly counter work. 9 till 5.45, 5 o'clock rdays. 2 weeks holiday after first year. Call write, Balham Drug Store, 13 Hildreth Street, r the market, and bring references.

ROYDON. Assistant for dispensary and counter, either sex, qualification unnecessary, perman-y. Accustomed to good-class work, energetic, d business builder. State age, salary required, erience and photo if possible. Dawson, 309 ndon Road, Croydon.

XPERIENCED man, preferably qualified, required for high-class West London pharmacy. ellent prospects and salary. Apply with full ticulars to 1/578, C. & D. Office.

EWIS & BURROWS require assistants, qualified or unqualified, pricing stockbooks, period 3-4 nths from September. Apply 146 Holborn, E.C.1.

ONDON, S.W.11. Experienced qualified pharmacist under 40 required to manage middle-s business in main thoroughfare. Salary, com-sion and interest in business if desired. Photo-phic qualifications preferred but not essential. gressive congenial post. Apply 1/676, C. & D. ice.

ITCHELL, Chemist, Darley Street, Bradford, require keen and progressive pharmacist for pensing and stock control. Every opportunity for vancement. State salary required and when avail-e.

LONDON, W.10. Pharmacist, male or female, to manage small pharmacy. Apply with full particulars to 1/690, C. & D. Office.

NOTTINGHAM General Hospital. Assistant required in pharmaceutical department. Apothecaries' Hall certificate. Duties partly clerical and partly dispensing. Knowledge of typewriting preferred. Salary commencing £270 per annum. J.N.C. scale. Apply full particulars by letter to the House Governor and Secretary.

PHARMACIST required, good salary; no Sundays. Accommodation could be arranged. Particulars to S. Simmonds, County Buildings, Market Square, Biggleswade, Beds.

PHARMACIST manager, take charge of branch North London. Good prospects. No living accommodation. Apply Box 1/341, C. & D. Office.

PORTSEA ISLAND Mutual Co-operative Society, Ltd. Superintendent chemist. Applications are invited for the above post. Membership 70,000. Annual turnover £3 million. Pharmacy turnover £35,000. Central warehouse and 4 branches. Experience in buying and control of branches desirable. Superannuation Fund with transfer clause. Flat available. Salary not less than N.U.C.O. scale. Forms of application to which a letter may be attached by the applicant can be obtained from the Executive Officer, 110 Fratton Road, Portsmouth, not later than 13th September. Endorse envelope "Pharmacy Manager," in top left corner.

PORTSEA Island Co-operative Chemists, Ltd., require qualified pharmacy branch manager. Permanency, excellent prospects. Superannuation Fund and T.U. conditions. Small flat available. Applications in writing, stating age, qualifications and experience, and salary required to the Executive Officer, 110 Fratton Road, Portsmouth. Endorse envelopes "Pharmacist."

QUALIFIED manager required for branch in good locality. Business having been run as drug store during war. Flat over will become available. Suit young married pharmacist. Apply with full particulars please. J. H. Lincoln, M.P.S., 11 London Road, Northfleet, Kent.

SEVERAL vacancies occur for pharmacist branch managers in various parts of the London area. Positions offer security of tenure and prospects of promotion. Application in first instance to Superintendent Chemist, London Co-operative Chemists, Ltd., 54 Maryland Street, Stratford, E.15.

SOWERBY BRIDGE INDUSTRIAL SOCIETY, Ltd. required qualified male or female assistant for central pharmacy. Permanent position. 44-hour week. No Sunday or holiday duties. Apply, stating age, experience and present position, to Secretary, 60 West Street, Sowerby Bridge.

STOCKTAKERS required for London District, West Country, Midlands and North; previous experience not essential, but applicants must possess comprehensive knoweldge of the drug trade preferably in retail; good prospects for keen energetic workers; all replies treated in strict confidence. 1/700, C. & D. Office.

WANTED. Fully qualified chemist branch manager. No half-day or Sunday duties. Good wages and conditions. Apply Co-operative Society Ltd., Arcadia, Ashton-u-Lyne.

WANTED for clerical work, chemists' assistants (ladies) able to read prescriptions. Apply National Pharmaceutical Union, 4-5 Queen Square, W.C.1.

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AMPOULES and hypodermic tablets. Vacancy occurs for qualified lady pharmacist to take charge of department in London manufacturing house. Write, quoting references, and with details of age, experience and salary required, to 1/613, C. & D. Office.

ACTIVE and experienced representatives required to call on stores, hairdressers and chemists in all districts. Salary or commission basis, Co-operation and assistance given. 1,678, C. & D. Office.

ASSISTANT for works laboratory of small pharmaceutical manufacturers required, North London; 5-day week. Permanency for industrious and intelligent woman, willing to be trained for specialised work and able to work without supervision. Full particulars age, salary, to 1/585, C. & D. Office.

ASSISTANT (male, 25-30) required; Ph.C., B.Sc., or B.Pharm. preferred, for technical supervision, manufacture of ethical pharmaceutical preparations. The position, which will involve night work on rota, is permanent and progressive. Apply initially in writing quoting reference number 528 to: Personnel Officer, May & Baker, Ltd., Dagenham, Essex.

CHEMIST with B.Sc., or pharmaceutical qualification required for alkaloid manufacture. The work will comprise the analytical control of raw materials, intermediate and finished products. Write, stating age, qualifications, experience, etc., to J. F. Macfarlan & Co., 4 Warwick Road, Boreham Wood, Herts.

ETHICAL representative required by Benger's, Ltd., Holmes Chapel, Cheshire. Knowledge of medical detailing essential. Only replies by letter considered. 1/628, C. & D. Office.

EXPERIENCED analyst required mainly for alkaloid assays and assays of B.P. preparations generally. Salary according to experience and qualifications. Write in the first instance, giving full details of career, to Carnegie Chemicals (Welwyn), Ltd., Welwyn Garden City.

EXPORT manager for chemicals wanted by old-established firm. Must be well versed in all aspects of the trade, such as suppliers, markets, etc. Good salary and share of profits. 1/625, C. & D. Office.

MANUFACTURING chemists, N. London district, engaged on processing and packing pharmaceuticals and toilets, require experienced chemist to manage small factory. 5-day week. Write, full particulars, to 1/626, C. & D. Office.

MANUFACTURING concern, producing chemical and laboratory machines suitable for dispensing and manufacturing chemists, cosmetic manufacturers, etc., require salesmen on commission basis able to undertake supplementary lines and having extensive connections in the above industries. All areas open for consideration. Generous commission, popular lines. Write in first instance with view to appointment. 1/603, C. & D. Office.

MANUFACTURING chemists require first-class representatives in (a) Notts and Derbys; (b) Manchester; (c) Bristol and S.W. England. Essential qualifications, first-class, live, energetic men capable of large turnover with established connection chemists, hairdressers, grocers, ironmongers, etc. Own car essential; salary car allowance, expenses, and commission. Send full details, experience, age, etc., with first letter. Write, 1/624 , C. & D. Office.

MANUFACTURING chemists, N.W. London, require the services of an energetic and experienced pill maker capable of taking control. Write, giving details of age, experience and salary required. 1/684, C. & D. Office.

MANUFACTURING chemists (near Liverpool) have a vacancy for an assistant chemist in their laboratory for analytical and experimental work. Give full details of age, experience, qualifications and salary required, to 1/639, C. & D. Office.

OLD-ESTABLISHED manufacturing chemists require representative resident in London. Age not exceeding 35 years. Previous travelling experience not essential, but applicant must have had sound grounding in high-class pharmacy. Car owner an advantage. Full particulars age, experience, salary required, in first letter please. Box 1/693, C. & D Office.

PHARMACIST, age about 30, single preferred on account of housing shortage, for small galenical laboratory. Sound knowledge of pharmacy and experience in the checking of formulæ essential. Good prospects for keen, energetic and ambitious chemist. Apply with copies of references, giving full details of experience and salary required, to Bradley & Bliss, Ltd., London Street, Reading.

PH.C. or B.Pharm., perferably with pharmaceutical manufacturing and administrative experience required for Long Melford Works. Apply, giving full details of experience, etc., to Stafford Allen & Sons, Ltd., Wharf Road, N.1.

PRIVATE secretary to managing director of cosmetic manufacturers, London, W.1. Expert shorthand-typing and good general education essential. No Saturdays. Permanent and progressive post. Write fully. 1/679, C. & D. Office.

REPRESENTATIVE for well-known wholesale chemists' sundries house. Must have live connection retail chemists, Derbyshire, Nottinghamshire, Staffordshire, etc. State full particulars, age, experience, turnover, etc. Salary, commission, expenses. 1/680, C. & D. Office.

EPRESENTATIVES on commission basis required for well-known brand of prophylactics ring the following districts: Midlands, East ha, South-West England, South Wales. 1/675, D. Office.

EPRESENTATIVE, with connections for pharmaceutical chemicals, galenicals, etc., with nists, doctors, vets, and dentists in Kent, ey, S.W. and S.E. London areas, is required by ufacturing and wholesale chemists. Send full iculars of experience, turnover, etc., to 1/706, D. Office.

EPRESENTATIVE required by manufacturing and distributing company for the area of South es, Gloucester, Somerset, Cornwall and Devon. t have live connection among the pharmaceu- trade—retail and wholesale. Remuneration, y, commission and expenses. Write, stating details, age and experience. 1/702, C. & D. e.

LES Manager required by old-established manufacturing pharmaceutical house in South don. Must have experience of marketing of ialities. Pharmaceutical qualification or retail rience desirable. Salary according to experi- . Details of education, qualifications, experi- and age to 1/647, C. & D. Office.

BLET Maker. Experienced man required, London, N.W. district. (5-day week). Know- e of granulating, use of single punch also rotary hines. Permanency. Write, stating age, experi- and salary required. 1/685, C. & D. Office.

BLET coater required by manufacturing chem- ists, S.W. London. Excellent opportunity for itious worker, good wages and conditions. 5-day k. Applications, giving full particulars to Box 765, ths' 100 Fleet Street, London, E.C.4.

ET counter hand required. Enfield district. State age, experience and salary required. ly, 1/686, C. & D. Office.

RITER required by leading pharmaceutical company (N.W. London) for Press contribu- s and Press liaison. Journalistic experience and -class writing ability most important. Interest cientific subjects desirable, but not essential to ifying experience. Apply, with details of age, cation, career, salary required and samples of k, to 1/682, C. & D. Office.

ANTED by a leading ethical pharmaceutical house, a medical representative for the West of London. Preferably a pharmacist with ex- ence in interviewing doctors and hospitals. Salary expenses will be generous and commensurate n experience. The company's staff have been noti- of this vacancy. Please send full details con- ning age, experience, qualifications, etc., in con- nce, to 1/627, C. & D. Office.

WHOLESALE (OVERSEAS)

PPORTUNITY for young pharmacist with energy and initiative to join staff of go-ahead tish agent in Malaya of universally known ethical nufacturers. Suitable applicant would be asked to dergo period of training in London and Malaya would be later called upon to organise sales in territory; must be in good health, preferably der 30 and single. Please give full details of eer, education, qualifications and salary required, /699, C. & D. Office.

SITUATIONS WANTED

for 18 words or less, 1d. for every additional word

RETAIL (HOME)

XPERIENCED, capable assistant (unqualified) requires position in high-class dispensing busi- s, West London area, chiefly for dispensing and ck. Prepared to make an investment in suitable siness. 1/688, C. & D. Office.

WHOLESALE

CONTINENTAL representative. Advertiser has several years foreign retail and representative experience; fluent French, Spanish and Italian; wishes to contact British firm seeking to increase export trade. Box 1/691, C. & D. Office.

EXPORT manager or export sales manager. Man aged 36, sound knowledge of market research, export procedure and control of staff. 21 years' trade experience with prominent companies, seeks a position with scope for initiative, experience and development. Resident experience in Middle East as branch manager. 1/687, C. & D. Office.

PHARMACIST. Fully experienced manager and buyer requires similar position. Present turnover £350 per week. Good connections with drug and sundries' houses. Sound all-round in pharmacy and surgical fittings. London and provinces. Free mid-September. Southern counties preferred. Details and terms to 1/677, C. & D .Office.

PHARMACIST with extensive experience in manufacture of cosmetics, pharmaceuticals, etc., is prepared to act in an advisory capacity with part-time occupation when required. 1/689, C. & D. Office.

SALES manager, perfumery, cosmetics, toilet preparation, age 37, seeks change. Desires progressive position. 20 years' experience in trade. Thorough knowledge of export trade. Very good connections. Willing to travel anywhere to investigate conditions and promote sales in export markets. Write 1/505, C. & D. Office.

TRAVELLER, working N. and E. Yorks, Durham, Northumberland and Lincs. Established connection chemists, Co-ops., etc., wishes to represent house with well-known lines, including toilets. Salary, commission and expense basis. Full details to 1/563, C. D. Office.

APPOINTMENTS

QUEEN MARY'S HOSPITAL FOR THE EAST END, STRATFORD, LONDON, E.15

SECOND ASSISTANT PHARMACIST

Applications are invited from registered Pharmacists for this appointment. Salary scale, £370 per annum with annual increases of £15 up to £450 per annum. Commencing salary within Scale according to qualifications and experience. Applications giving full particulars of age, qualifications and experience and copies of recent testimonials should be sent to the House Governor and Secretary as soon as possible.

M. J. HUNTLEY,
House Governor and Secretary.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at:—

EPSOM COUNTY HOSPITAL, Dorking Road, Epsom.

ST. LUKE'S HOSPITAL, Guildford.

Commencing salary on grade £370 x 15—£430 x 20—£450 p.a. inclusive. Applications in writing stating age, qualifications and experience, with a copy of not more than three recent testimonials should be sent to the Medical Superintendent of appropriate Hospital.

AGENCIES

12/6 for 36 words or less, 3d. for every additional word

AGENT, sound connection chemists and stores, northern counties, requires extra line. Preference to manufacturer. 1/697, C. & D. Office.

IRAQ. Agencies required for dental creams of British manufacture for distribution in Iraq. Mr. Ephraim Simon Mochi, P.O. Box No. 30, Baghdad, Iraq.

MANUFACTURERS are invited to contact wholesale distributing firm requiring further good quality lines, toilet preparations and fancy goods. Stationery and surgical dressings accepted. Details to 1/641, C. & D. Office.

PHARMACOLOGY export to Switzerland. Successful agent, well acquainted with drug stores and dispensing chemists in Switzerland wants new specialities for representation. Detailed offers to Albert Frei, Konradstrasse 12, Zurich 5, Switzerland.

REPRESENTATIVE of 20 years standing, starting on his own, welcomes (1) Perfumery; (2) Toilets. Agency basis at first. Buying agency if test is proved. London and Home Counties. Box 1/698, C. & D. Office.

BUSINESS OPPORTUNITIES

12/6 for 36 words or less, 3d. for every additional word

REPUTABLE London laboratory seeks manufacturing house with facilities to undertake production and distribution of outstanding formulas now ready for development. Products will interest mainly chemist and grocery traders. 1/631, C. & D. Office.

TOILETS quota of £550 to December 1947 for disposal. Offers of purchase to Box 1/694, C. & D. Office.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word

DRUG store (recently chemists) in S.W. London, on bus routes and in good residential area. Average weekly takings over £70 and increasing; auditors' figures available. Double-fronted shop, excellent pre-war counters and fittings with good quotas. Two-storey upper part comprising sitting room, two bedrooms, kitchen, bathroom and w.c. Office at rear of shop with dispensary and store; also extra w.c. Goodwill, fixtures, fittings and about £500 of nice clean stock with 20 years' lease at low rent for the inclusive price of £4,000. Further interesting details will be supplied to principals or their solicitors. Vacant possession on completion. Write, Box 1/696, C. & D. Office.

OLD-ESTABLISHED chemists' business now run under management as drug store in centre of West Riding City. Modern-fronted, beautifully fitted; gross profit exceeds £2,000 per annum, increasing; long lease; ample scope; bona fide enquirers with £5,000. 1/660, C. & D. Office.

MISCELLANEOUS SALES

12/6 for 36 words or less, 3d. for every addit onal word

DEVON talc for disposal, 23s. doz., C.O.D., or will deliver South and West London. Box 1/692, C. & D. Office.

FOR SALE, Bond Street shop fittings comprising 2 shallow glass cases 6 ft. long, 2 glass wall cabinets 5 ft. high x 4 ft. 6 in. wide and 4 glass counters 5 ft. long. Suitable for fancy goods or chemist trade. Box 828, L.P.E., 110 St. Martin's Lane, W.C.2.

GLASS vials. 50,000 available, 13/14 mil., 3 inches long, 2s. per gross. Affined Basic Chemicals, Ltd., Empire Works, Desborough Road, High Wycombe, Bucks.

40 GROSS 2-dm. perfume bottles, very attractive, complete with plastic caps and wads at 30/- per gross; 25-gross 4-oz. medical flat bottles, complete with best caps at 50/- per gross. 1/659, C. & D. Office.

65 GROSS 3-dram nail varnish type bottles, plastic caps, 36/- gross carr. paid. Sample on request. 1/661, C. & D. Office.

WANTED

7/6 for 40 words or less, 2d. for every additional word

GOOD prices paid for genuine triple pressed Stearic Acid, chemically pure glycerine, also any alkalies. 1/654, C. & D. Office.

LIQUORICE and menthol pellets required in bulk. 1/640, C. & D. Office.

URGENTLY required, any quantity of pure aneurin hydrochloride (vitamin B1). A regular supply desired for product of own manufacture. Willing to offer surplus stock of pure ascorbic acid (vitamin C) in exchange for aneurin. State quantity available and price to Box 1/695, C. & D. Office.

URGENTLY required. Small quantity of 10-, 15- and 20-litre clear glass reagent bottles. Glaxo Laboratories, Ltd., Greenford, Middlesex.

WANTED. 49 lbs. acetyl salicylic acid. Write, 1/630, C. & D. Office.

WANTED. Automatic or semi-automatic wrapping machine for wrapping cubes 2 in. x 1 in. x $\frac{9}{16}$ in. approx. Box No. W 6168, Haddon's, Salisbury Square, London, E.C.4.

SALES BY AUCTION

CITY OF STOKE-ON-TRENT.

To be sold by Public Auction
AS A GOING CONCERN
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WITH FINE MODERN SHOP & DWELLING HOUSE
premises
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Messrs. Louis Taylor & Sons,
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Percy Street, Hanley, S.-on-T.,
on Tuesday, September 16th, 1947,
at 4 p.m. precisely.

The Auctioneers wish to draw very special attention to this Valuable lot, which comprises the very modern shop premises with excellent living accommodation attached, together with the well-established dispensary and photographic chemists' business now carried on.

The sale presents an unusual opportunity to obtain either for the purpose of carrying on the existing business, or for the establishment of business of another type, commanding premises in the very heart of one of the most important residential parts of the City.

The shop fittings will be included in the Sale. Vacant possession on completion.

Stock to be taken at Valuation.

On view from 10 a.m.-5 p.m. on Thursday, September 11th or Saturday, September 13th or otherwise by appointment only made with the Auctioneers, Louis Taylor & Sons, or the Solicitors, Messrs. Hall, Pratt & Pritchard, from whom illustrated particulars may be obtained.

Printed by THE HAYCOCK PRESS, LTD., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors, MORGAN BROTHERS (PUBLISHERS), LIMITED, at 28 Essex Street, Strand, London, W.C.2. (65/27

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Printed by The Haycock Press, Ltd., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.